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WEEKLY BULLETIN

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Volume 20

DETROIT, MICHIGAN, MARCH 5, 1946

Number 10

BUILDING CODE REVISIONS

By F. GORDON PICKELL, A.I.A.

TO PROVIDE A FORMULA for measuring the proper scope and function of a building code, we have the "Problem of Building Codes," set forth in the 1944 report on "AMERICAN HOUSING" by the Twentieth Century Fund in part as follows:

"The preparation of a satisfactory building code presents a three-fold problem. First there is the difficulty of reconciling engineering and social ideals with economic realities. How fire-safe can we afford to make our dwellings? How elaborate can we make our equipment requirements and still build low-priced houses? No matter how correct they may be technically, codes that raise costs to a point where only a few can pay for new housing defeat the objectives of proper public regulation. They simply result in the retention of quantities of sub-standard and old housing.

"The second code problem is that of wording the requirements for floors, walls, structural members, etc., so as not to exclude sound new building methods and materials. This can be solved effectively only by establishing performance requirements rather than specifications for the parts of a building—thus, not the thickness and materials of a wall, but the wind load and live load it must provide for, the duration of fire it must resist, and so on. The performance basis, with the flexible and intelligent administration and the testing facilities that it implies, obviously puts a greater burden on the code authority than does the specification basis commonly used.

"The third problem consists in providing for special local circumstances without

hampering the operation of industry on a wider basis. Obviously, California must provide special bracing for earthquakes, Florida for hurricanes, and northern cities for heavy snow loads. Most of the justifiable local differences are limited, however, to a few important matters. Existing variations in requirements for steel and lumber stresses, for thickness of walls, and sizes and weight of pipe are not warranted by any real distinction among localities."

Architects familiar with the Detroit building code will easily call to mind many parts that fall far short of conformity with the foregoing formula.

Consider, for example, our code's requirements for bath room windows of specified sizes, windows which can and do remain closed six months or more of the year and are useless for light purposes half of the time, and can be dispensed with entirely without harm to health, as they now are in hotel rooms everywhere, with or without forced ventilation. It is much more desirable to have inside bath rooms, as they do in Sweden, than no bath at all. A window, of course, is very desirable and

would be provided, code or no-code, but the bath is the important thing and needed with or without a window.

In the war period just passed any surplus use of material or labor not reasonably needed to do the job was considered detrimental to the war effort. It amounts to the same thing now. Costs of time and material are now so important a factor in the present urgent building requirements that to point out any possible improvement along these lines is to do a good service to those who need more and better housing and risked their lives that we might keep what we have.

WALTER HICKEY AND RAY WEBER, of General Motors styling division, in Detroit, have been awarded fourth prize in the competition for a house for a Georgia family, sponsored by Rich's department store, in Atlanta, and Progressive Architecture, Pencil Points. First prize of \$3,000 was won by Hugh Stebbins, of Boston. Total prizes amounted to \$10,000.

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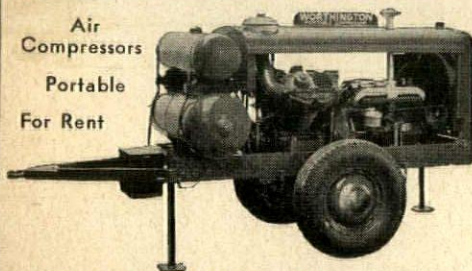
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architectonics.....

the bulletin of the Grand Rapids Chapter, American Institute of Architects, February 14th, 1946.

THE JANUARY MEETING was a thing. In the first place, there was a very large attendance, the dinner was excellent, the cocktail party was good (altho the Manhattan I had must have come from Manhattan, Kansas) and the talk by Prof. Hammett was extremely interesting. He described the preservation of buildings of historic value by the Civil Affairs officers. It was a memorable evening. President Rosa presided with austere dignity relieved by flashes of the cracker barrel philosophy that has made him famous. That and his corn cob pipe.

DUE TO THE FACT that the usual number of people forgot to mail in their cards, five people who attended had to eat powdered eggs, Spam, or some such confection. When will you rats learn to send those cards in? NEVER, comes the answer.

I HAVE BEEN HAVING HAUGHEY TROUBLE. The new secretary sends me the following communication:

Lt. Col. Doud has joined the staff of Louis C. Kingscott as Vice President in charge of Operations.

What kind of a news item is that? Obviously Col. Doud has a front name, possibly even a middle initial. Where is it? Anyhow, we welcome Col. Doud. (At this point the editor went out in the drafting room and asked if we had any Colonels. Best we got is a Lieutenant Commander.) Aside to Louis Kingscott; Now we know who is in charge of operations, but who is in charge of administering the anesthetic? In my office, this is the big department.

NEXT THIS HAUGHEY sends me a whole mess of bills, one for each of you lucky, lucky members, to send out with your copies of ARCHITECTONICS. I do not send out the copies of Architectonics, Phillip, they are mimeographed and sent out by the office of Clarence Rosa, the big ox. (There goes all my work. Cancel ox; substitute "gazelle.") I do not send out bills and I am not interested in the sordid details of these financial transactions, few of which ever come out even.

BUT NOW HAUGHEY BECOMES A HERO and my favorite character of the week, on account of he sends me a letter from which I can copy whole paragraphs thus saving me much effort, which I have been warned to avoid. Listen:

"We are proceeding with plans for the next meeting of the Chapter to be held at the Knife and Fork Club on Feb. 26th. The following information will be of interest to the members and should be mentioned in the next Architectonics.

The old wild-catter A. B. Chanel will be chef for the evening, and the dinner will be either steak or ham, served catch-as-catch-can style. An added attraction and no doubt piece-of-resistance will be roast wild-cat. A. B. thinks of this as merely a novelty, the payoff on a bet, but he assures us that wildcat is edible, that the wildcat lives

off small game, rabbits, grouse, etc. He is not a scavenger, but a very fastidious eater, and his meat is not unlike venison. The particular wildcat we are to enjoy was killed in January, and has been languishing in a locker since that time.

The Knife and Fork Club is on Stony Lake, just off highway M89. This highway runs between Allegan and Battle Creek. Stony Lake is about 11 miles west of Battle Creek, about 3 miles east of Gull Lake. A. B. is making a map for you which can be reproduced in your gabsheet.

If the program you had arranged could be transferred to Battle Creek we can use it on the 26th. Otherwise, we have planned to show A. B.'s wildcat stalking movies, and let the evening be free, flowing, and easy.

* * *

PHIL HAUGHEY'S ADDRESS is 412 Post Building, Battle Creek, Mich. He left his address off the statements, probably because he was too busy referring to this ARCHITECTONICS as a "gabsheet." Watch your language, Phil.

UP AT THE GRAND RAPIDS ART GALLERY THEY ARE showing a very interesting exhibit. Here is what they say about it:

IF YOU'RE GOING TO BUILD A HOUSE

"An exhibition which attempts to prove to the prospective homebuilder that a new house need be neither an imitative 'architectural portrait' nor an over-specialized unfriendly laboratory, is now showing at the Art Gallery until Feb. 28th.

"If you're Going to Build a House," prepared by the Museum of Modern Art, New York, is based on the publication of the same name, published by the Museum in February, 1946, and consists of explanatory panels of Photographs and test, photographic enlargements, and cartoons by Robert C. Osborn.

The photographs and enlargements which have been taken from the book indicate the variety of form possible, as well as the flexibility and adaptability to the individual which is the fundamental advantage of modern architecture. The exhibition labels, based on the book written by Elizabeth Mock of the Museum's Department of Architecture, present a simple, informal analysis of problems in home planning, designing and construction, and discuss the advantages--and disadvantages--of modern design. Like the book, the exhibition is undogmatic and does not attempt to be a technical treatise but suggests the answers to many of the questions home-builders must face.

Specific panels deal with such problems--and their solutions--as *Choosing the Architect, How Big is a House, Small Houses can Seem Large, Division of Space, Living-Play-Study, Outdoor Living, The Possibilities of Maximum Light, How Much Light and Openness Do You Want?* etc. The cartoons point up those problems and par-

ticularly emphasize fads and outmoded solutions and psychological hazards.

Grand Rapids is the first city in this part of the country to have this exhibition, which will continue its tour throughout the country under the auspices of the Museum of Modern Art of New York City.

* * *

WELL, THAT'S ALL FOR THIS TIME. Did I ever explain to you how to sign your name on a card and send it back to the secretary? No! Some day I must do so. In the meantime, keep out of the planing mill, Rover; you're going against the grain.

ROGER ALLEN, Editor.

A. S. H. & V. E. Meeting

Michigan Chapter

American Society of Heating and Ventilating Engineers

at the

Horace H. Rackham Educational Memorial

Monday, March 11, 1946

DINNER.....6:30 p.m.

MEETING.....8:00 p.m.

Speaker: Mr. Harold Lockhart, Chief Engineer, Bell and Gossett Company, Morton Grove, Illinois.

Subject: "Radiant Heating"

ARCHITECTS INVITED

Riani New District Engineer

Colonel Albert Riani, Corps of Engineers, U. S. Army, has replaced Colonel Allison Miller as District Engineer of the Detroit Engineer District, it was announced by the U. S. Engineer Office, Detroit. Colonel Riani assumes command of the Detroit District with an outstanding record in past assignments during his thirty years' service in the Corps of Engineers, which has also included a tour of duty in overseas theatres of operations.

As District Engineer he is responsible for the numerous activities and peacetime functions of the Corps of Engineers in the Detroit Engineer District. Included in these functions are the construction and maintenance of river and harbor installations such as dredged channels, harbor improvements, navigation locks, piers, breakwaters, et cetera. Connecting channels between Lakes Superior, Michigan, Huron and Erie from which the U. S. Engineers have dredged millions of cubic yards of earth and rock at a total cost of \$55,000,000, are outstanding examples of the dredged channel work in the Detroit District. Also under Colonel Riani's supervision is the operation of the important Soo locks through which passes as much as 120,000,000 tons of commerce in a year--more than the combined total of tonnages passing through the famed Panama, Suez and Kiel Canals.

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I.E.S. Meeting

The Illuminating Engineering Society, Michigan Section, is planning on holding a meeting in the Detroit Edison Auditorium, 2000 Second Avenue, at 7:00 P. M., Tuesday, March 12, 1946, with Professor Russell C. Putnam, Associate Professor of Illumination at Case School of Applied Science, and Consultant to the General Electric Lamp Division, Nela Park, Cleveland, Ohio, as speaker. His subject will be "Trends In School Lighting" and this should be of particular interest to architects specializing in school lighting.

Dinner at One Dollar will be served in the Detroit Edison Cafeteria, at 5:45 P.M. Reservations for dinner are requested and may be made by calling RAndolph 2100, Extension 9435.

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CLAIR W. DITCHY, FAIA, has removed his offices from 333 State St. to 5 W. Larned St., Detroit 26. His former offices were in the Lincoln building, which has been taken over in large part by the Michigan Bell Telephone Co. His new space is a whole floor in a building at Woodward Ave. and Larned street. The building is 20' wide by 100', ten stories high.

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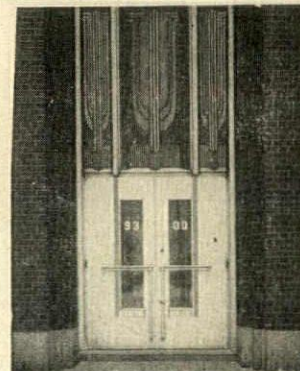
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WEEKLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

VOLUME 20, NUMBER 11, MARCH 12, 1946

- PROGRAM
- CONVENTION
- ROGER ALLEN
- CLAIR W. DITCHY
- ROSTER OF MEMBERS
- REPORTS OF COMMITTEES
- HARLEY, ELLINGTON & DAY

M. S. A. 32nd Annual Convention
Wackham Memorial Building, Detroit, March 15, 1946

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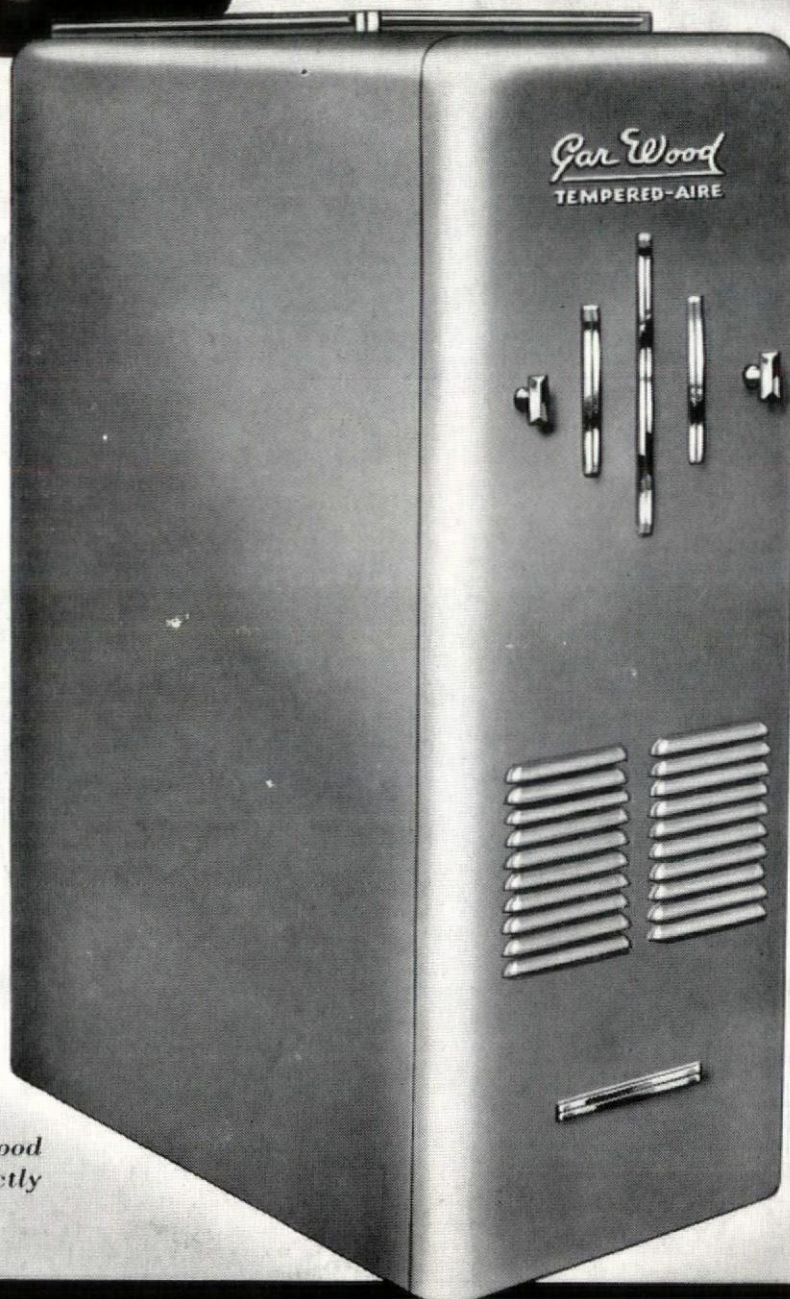
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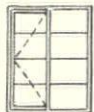
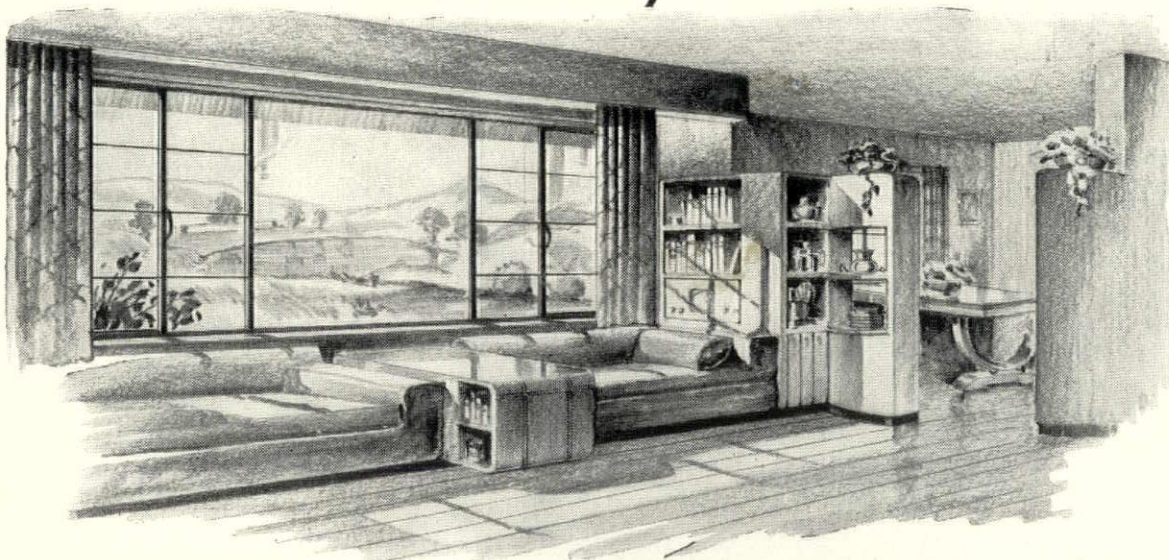
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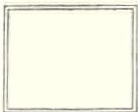
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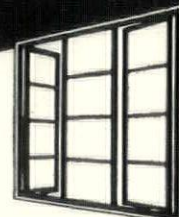


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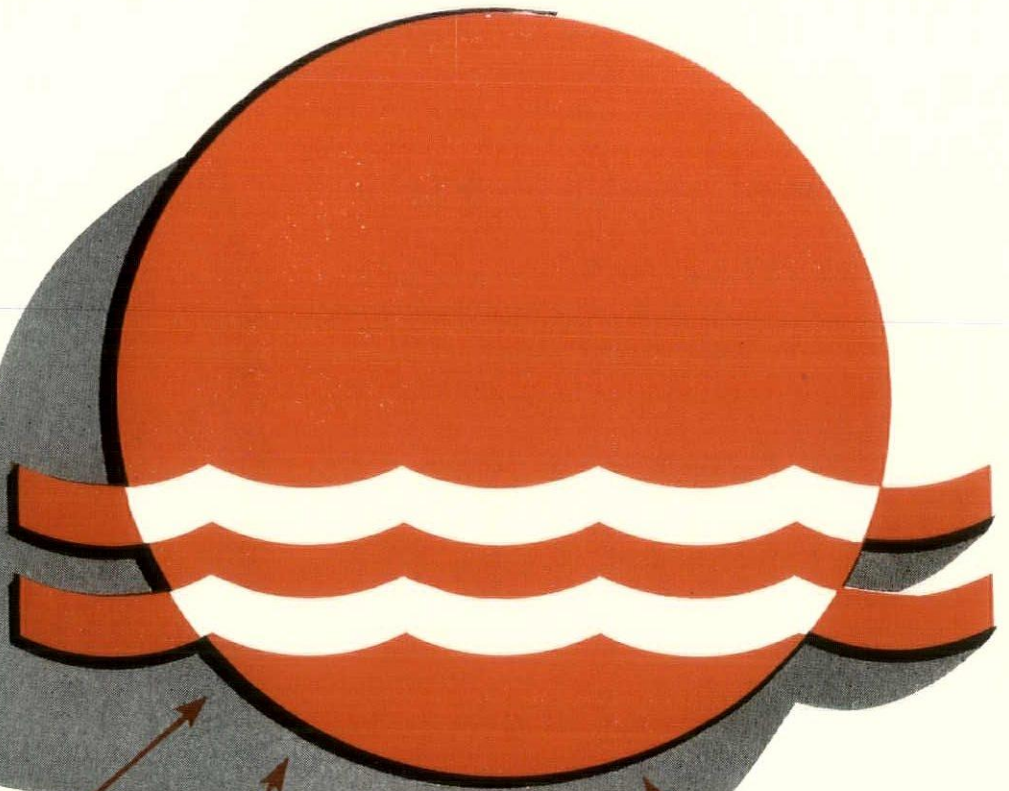
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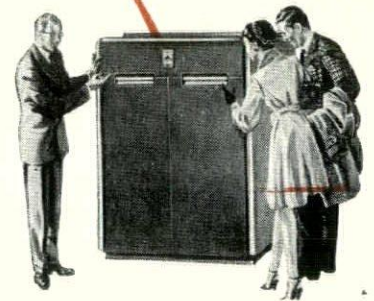
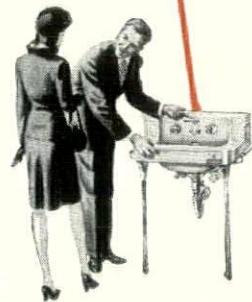
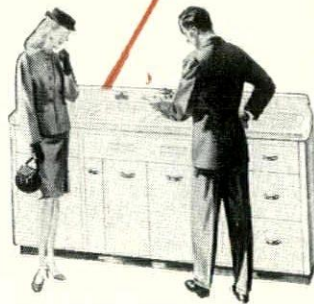
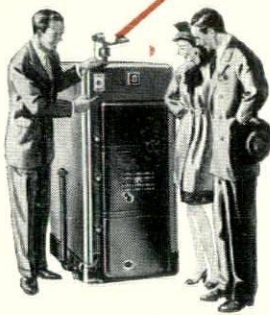
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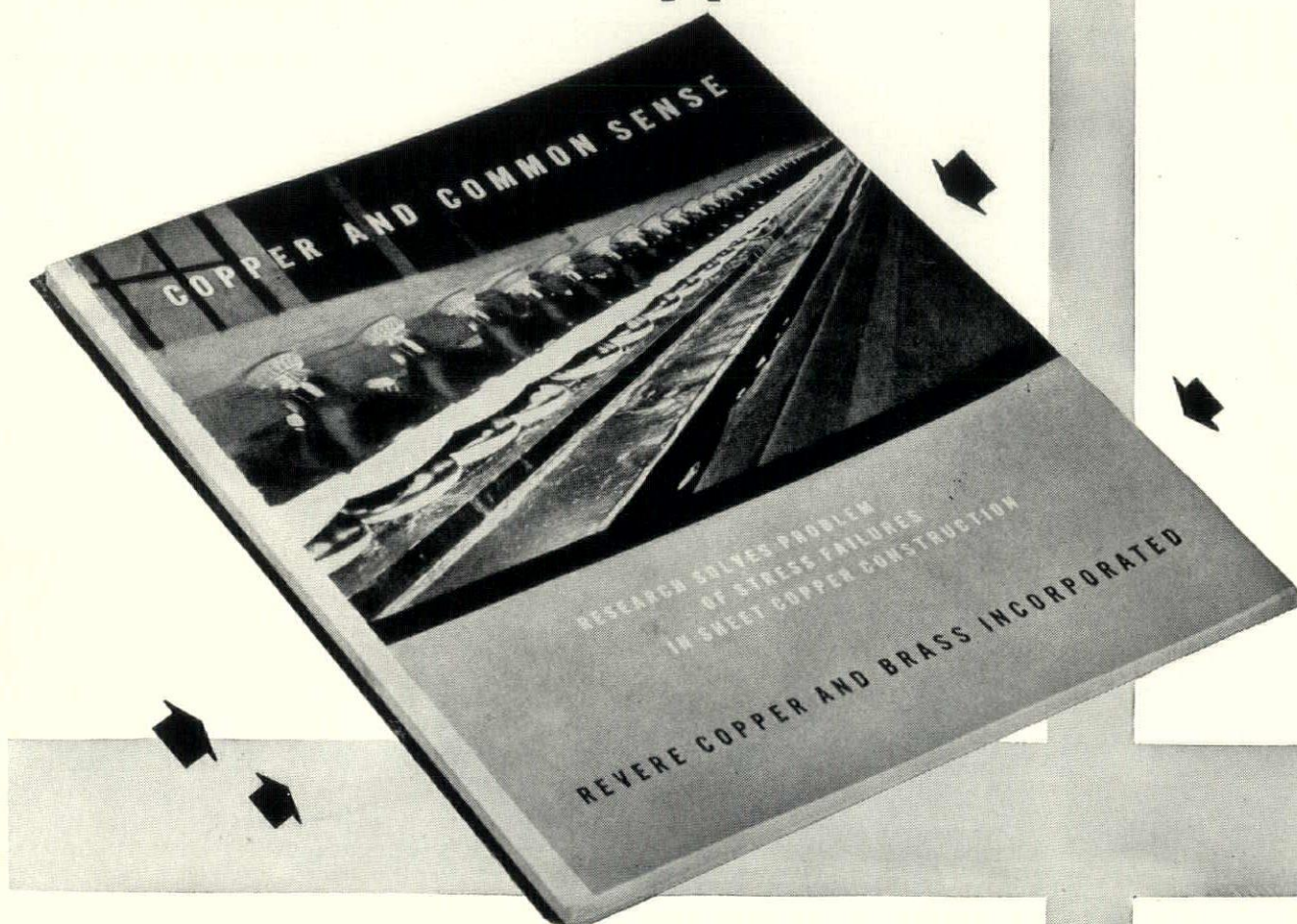
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Picture of *Thermopane* in action

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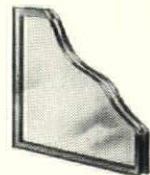
It's hard to believe there's glass between the camera and the outdoors in this picture.

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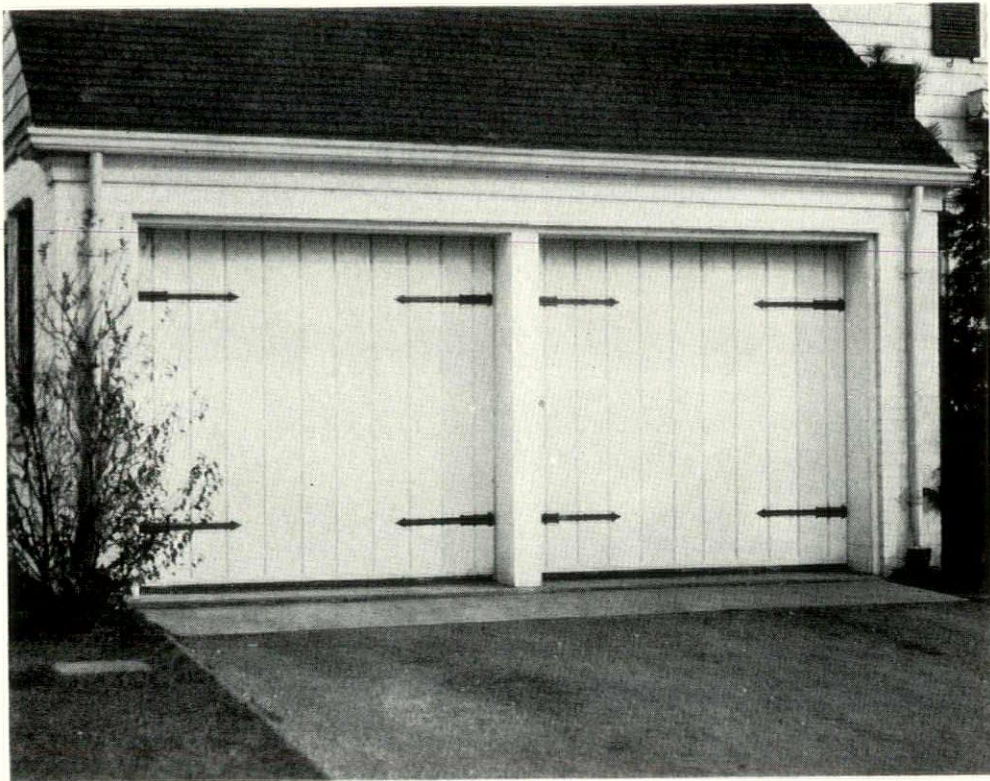


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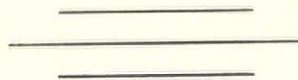
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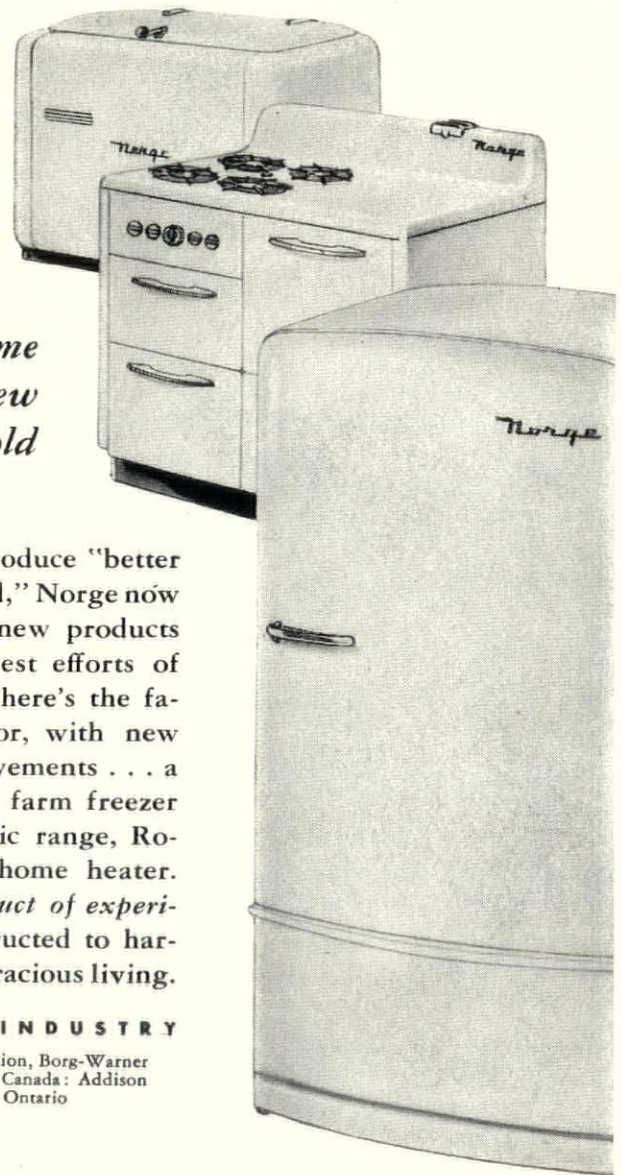


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PROGRAM

MICHIGAN SOCIETY OF ARCHITECTS THIRTY-SECOND ANNUAL CONVENTION

Rackham Educational Memorial Building
100 Farnsworth Ave., Detroit, Michigan

THURSDAY, MARCH 14, 1946

12:30 P.M.—Press Luncheon, Detroit Athletic Club

6:30 P.M.—Cocktail Party and Dinner of the Producers' Council Club of Michigan, Wardell-Sheraton

FRIDAY, MARCH 15, 1946

8:00 A.M.—Meeting of the Board of Directors, Breakfast at the Wardell-Sheraton

9:00 A.M.—Registration. Informal Reception. (No Registration Fee)

10:00 A.M.—Official Opening of Business Session
Appointment of Tellers on Election of Officers

Minutes of the last Annual Meeting, as published in the Weekly Bulletin of March 20 and April 10, 1945

Reports of Committees, as published in the Weekly Bulletin of March 12, 1946

Report of the Secretary, L. Robert Blakeslee

Report of the Treasurer, Malcolm R. Stirton
Appointment of Auditors for Treasurer's Report

Greetings to the Annual Convention by the President, Roger Allen

12:15 P.M.—Luncheon, Ball Room, Wardell-Sheraton, Compliments of Minneapolis Honeywell Regular Co.

2:30 P.M.—Business Session

Unfinished Business

New Business

Report of Auditors on Treasurer's Report

Report of Tellers on Election of Officers

Illustrated Talk on Colonial Williamsburg, by Charles F. Cellarius, F.A.I.A., Regional Director, The A.I.A.

Closing of Business Session

7:00 P.M.—Annual Banquet, Banquet Hall (\$3.00)

(Advance Reservations Necessary)

Guest of Honor: Mr. Upton Close

Dress Informal — Ladies Welcome

Installation of Officers

8:30 P.M.—Lecture, Banquet Hall

Speaker: Mr. Upton Close

Subject: "Getting the Building Industry Into Full Production"

ADJOURNMENT

Note: All Events except dinner, are without charge. All are open to the public. Ladies invited. All except Luncheon are at the Rackham Building.

MARCH 15, 1946

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UPTON CLOSE TO BE GUEST OF HONOR AND SPEAKER AT M. S. A. 32nd ANNUAL CONVENTION

The Michigan Society of Architects Thirty-second Annual Convention, scheduled at the Rackham Building in Detroit, March 15, will have as guest of honor and speaker Mr. Upton Close, eminent news analyst and radio commentator. This, the Society's first peacetime convention, following World War I, will undoubtedly mark the end the reduced type of one-day annual meeting. In fact, reference to the program will show that pre-convention meetings start with a press luncheon on Thursday, March 14. The Producers' Council of Michigan will entertain delegates and guests at cocktails and dinner Thursday evening at the Wardell-Sheraton. These functions are the "bugle-call" to bring in members the day before in order to start the convention promptly Friday morning.

Of the Producers' function, Walter Torbet says, "We are again arranging for the annual get together with Michigan architects at the Wardell-Sheraton, on the evening of March 14. Cocktails will be followed by dinner at 7:00 P.M. The fee for both is \$5. Dr. George W. Shepherd will address the group. His subject will be 'The Triangle in Asia: Russia, China and America.' Dr. Shepherd's background in the Orient includes a residence of 20 years in China, during six months of which he was personal advisor to Generalissimo Chiang Kai-Shek."

For the convention there will be no registration fee. The only charge will be that for the banquet, \$3. This will include the lecture, which will be in the banquet hall.

While we are still under the reduced schedule there is much that can be accomplished at this convention. Unification of the profession is one subject that is due for a complete airing. It is doubtful if the membership at large is properly informed on this subject. The three Michigan chapters of the A.I.A. will join in this meeting, thus affording an opportunity to deal with statewide matters.

It is expected that Mr. James R. Edmunds, Jr., F.A.I.A., of Baltimore, president of The American Institute of Architects, will be in attendance, and in addition Charles F. Cellarius, F.A.I.A., of Cincinnati, treasurer; Alexander C. Robinson, III, F.A.I.A., of Cleveland, secretary; Ralph O. Yeager, of Terre Haute, Ind., regional director, and Branson V. Gamber, F.A.I.A., of Detroit, state association director. These should form a "quorum" of the Institute Board.

Besides the election of officers and directors, the Society's delegates to The A.I.A. Convention in Miami Beach, May 8-9-10, will be elected. Matters coming out of this state convention will form instructions to such Institute delegates.

Altogether, the outlook for this, the Society's 32nd Annual Convention, is most hopeful.



Mr. Close is heard over the Mutual Broadcasting System (WXYZ) every Tuesday night from 10:15 to 10:30, under the sponsorship of the National Economic Foundation. Concurrently he is making investigations of the building industry, has uncovered many large supplies of scarce building materials held by the Government. One cache of lumber is enough to build 6,000 small houses. He is a strong believer in private enterprise, that the building industry can solve its own problems if given the opportunity.—Editor's note

Before the outbreak of the Pacific War, Upton Close was known as the outstanding authority on Asia and the peoples of the Pacific Basin.

After graduation from college in the east, he went to China and served as an intelligence officer for the United States Government during the first World War. In the years following the war he became a familiar figure in the ups and downs of the Chinese Revolution. Flood, famine, revolution—he has known them all. He was editor of the *Tientsin Star* at the time it was owned by Hollington K. Tong. Advisor to the Chinese Student Revolutionaries in Peking in 1919, aide of Warlord Wu Pei-fu, and editor of the *Peking Leader*, oldest newspaper in the world.

Later Professor of Asiatic Culture at the University of Washington, Upton Close annually visited the Far East as leader of an Oriental seminar of students, teachers and professional people.

In books and articles he appraised the competing aims of peoples and nations, not only in Asia but throughout the world. His writings and lectures have given him the title of "probably the greatest historian of contemporary Asia" (*Time Magazine*). In addition to his radio and platform work, he has been heard on Movietone News.

Between travels and lectures, Upton Close has written eleven books: adventure, history, romance, biography and the prophetic *Revolt of Asia, Em-*

inent Asians and Challenge: Behind the Face of Japan, a reprinting of which, after Pearl Harbor, is entitled: *Behind the Face of Japan*. He has contributed more than a thousand articles to magazines and newspapers on three continents, including the foremost American magazines. He newspaper articles are now being carried in many papers across the continent under the title, "Close-Ups".

Early in 1941, when storm clouds of the Pacific War began to brew, he was invited to become the National Broadcasting Company's special expert on Pacific affairs. Requests for printed copies of his penetrating, common sense talks poured in after each broadcast.

Fifteen years ago, when Upton Close came home from wandering the length of Asia and his book *The Revolt of Asia* became a best seller and harbinger of things to come, the *New York Times* called him "the prophet of New Asia". Eight years ago, in his book *Challenge: Behind the Face of Japan*, which was reprinted in digest form in the *Reader's Digest*, Upton Close said: "Why should Japan and America fight? They shouldn't. What has either Japan or America to gain by war? Nothing. Yet the same observer knows that their basic sense of values, ideas of sportsmanship, spiritual and material hankerings and ambitions in life are so variant that the break must and will come."

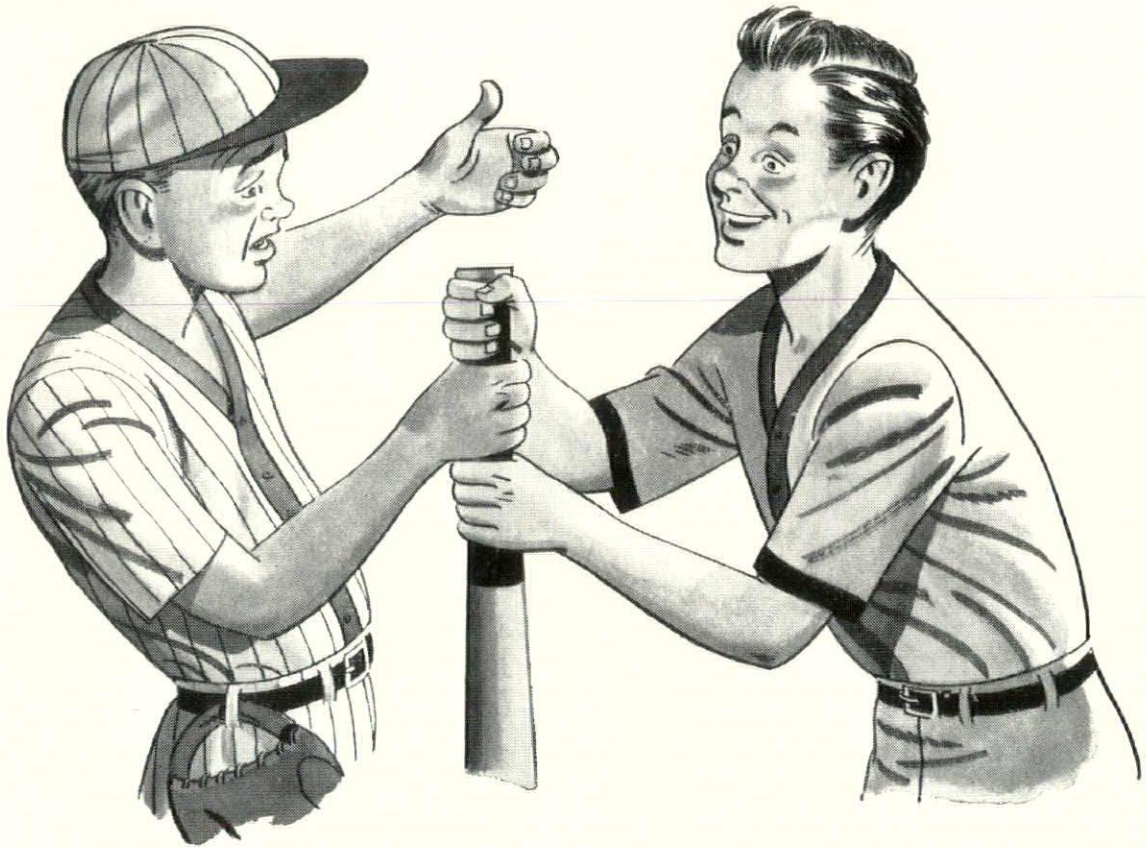
The total destruction of militarism in Japan or in any other part of the Pacific where it may rear its hydra-headed form is part of his philosophy for the future era of peace. From the Pacific, where lie the world's greatest untouched resources, must come our real prosperity; on it must take place the great cultural interchange of the future.

Now, Upton Close has just finished a new general history of the world, *Ladder of History*, published by Macmillan, which is to be used as a high school text. Also, he is engaged in the writing and publishing of a weekly newsletter, "Closer-Ups", devoted to unearthing trends from the continuous avalanche of events... especially trends affecting the safety of the nation and manner of life of our people.

THE TRUE STORY BEHIND THE PEN NAME "UPTON CLOSE"

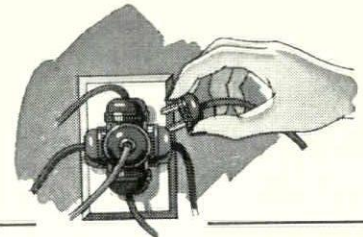
Upton Close received his pen name through a telegrapher's error. His real name is Josef Washington Hall.

When he was in China some years ago, he sent a dispatch concluding with the words, "Up Close", meaning he was near the front line. The telegraph operator took these words for a signature and transcribed them accordingly. Hall's editor was so delighted with this absurdity that he decided to perpetuate this mistake. He added a suffix to Up and made a plausible name.

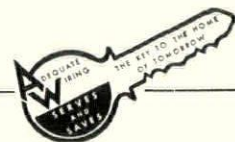


THERE ISN'T ALWAYS ROOM FOR ONE MORE—

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THE DETROIT EDISON CO.

DURING 1945 the architectural profession, in common with Americans of all trades and professions, underwent an extraordinary cycle of emotions—amazement at the potential effects of releasing the atom, joy at the conclusion of the war, happiness at the return of our sons, brothers, and friends from service in the armed forces, elation at the prospect of normal construction once more, and then, bafflement.

The post-war world arrived. The post turned out to be a tree, and the construction industry is up it.

Incidentally, I often ponder on that phrase, "the construction industry." It is less of an industry than anything I can imagine, if by an industry you mean a closely integrated and well coordinated group of designer and producers. In actuality it is a sort of disorganized mass meeting, or a steeplechase in which each rider gets on his horse and rides off in all directions. No group in it pays any particular attention to any other group, and the general effect is that of a two-ended ship being steered from both ends by quartermasters neither of whom is on speaking terms with his opposite number. This description will pain persons who love to think otherwise. And it pains me to pain them, but facts are facts. Gradually we make progress. For instance, I represented your Society on the Governor's Advisory Committee on the Construction Industry and there, for the first time in more than 30 years of attending construction industry meetings, I found representatives of the buildings trades unions sitting in with architects, engineers, contractors, trade societies and producers. Just how, in the past, we figured we could get any real coordination of construction without the help of the unions I cannot tell.

After VE-Day controls on building were hastily suspended. After a brief look at the result, they were just as hastily put back on again. Materials that had been hard to get during the war became even harder to get. The housing shortage became so acute that the old slogan of "Two cars in every garage" was amended to read "Two families in every garage." Strikes broke out in all directions, causing disruption in family life, as an anonymous bard pointed out—

Two lovers were parted for weeks and weeks,
But not by father and mother—

The President's Annual Report to the MICHIGAN SOCIETY OF ARCHITECTS

By Roger Allen



For she was on one picket line
And he was on another.

The Kansas City Star announced, with an oblique glance at a fellow Missourian, "Some people with very odd business records are now telling billion dollar corporations how to run their business."

Now, having reduced you to tears, what?

I wish I knew what. I know part of it, I think; I believe that every architect in the country with any reasonable degree of competence will be busy for some years. I believe that building prices have reached, not a new peak, but a new plateau. There may be some recessions, but it does not seem possible to me that we will ever return to the unit prices of 1937. The producers are making headway and the flow of materials gets faster; the unions are beginning to train apprentices again (did you know that the average age of bricklayers in the United States is 54 years?) and we'll get out of the tangle we're in. We always have. But why do we always have to do it the hard way?

The Michigan Society of Architects (I just remembered this was an annual report) is flourishing, you will be glad to hear. We got money, we got members, we got enthusiasm, we got brains. We got everything except time to go to meetings.

Like you, I am looking forward to 1947 with a combination of hope, fear, and unbridled amusement. It ought to be quite a thing.



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ANNUAL REPORTS OF OFFICERS AND COMMITTEES

FOR 1945-46

Michigan Society of Architects Thirty-Second Annual Meeting

REPORT OF THE SECRETARY

L. Robert Blakeslee

The Board of Directors of the Michigan Society of Architects has met with President Roger Allen, during the 1945-1946 term, for six regular and one special meeting.

The first meeting was held at the Rackham Building, Detroit, on Thursday, March 22, 1945, immediately following the Thirty-first Annual Convention, as an organization meeting.

On Tuesday, May 15 a second meeting was held at the Rackham Building, Detroit, at which time the matter of the division of dues was discussed.

A special joint meeting was held with the Boards of the Detroit, Grand Rapids, and Saginaw Valley Chapters of The American Institute of Architects at the Rackham Building, Detroit, on Tuesday, October 16. This entire meeting was devoted to the Unification Program.

The third regular meeting followed immediately after this joint meeting, and President Allen announced, with regret, the death of A. Allen Stewart, of Lansing, Michigan, on October 15. There was further discussion on the question of unification. President Allen reported much success with letters he had written to non-resident architects, encouraging membership. Action was taken with the proper authorities to encourage continuation of the fine work done by Mr. Kenneth Black and Mr. Adrian Langius on the Michigan State Building Program.

On Wednesday, January 9, 1946, the fourth meeting was held at the Rackham Building, Detroit. A committee was appointed to correlate the work being done by the Veterans' Bureau for apprentice-training of draftsmen.

The meeting of February 15, 1946, was for the purpose of completing plans for the Thirty-Second Annual Convention.

The March meeting will be held at the Wardell-Sheraton Hotel preceding the Thirty-Second Annual Convention, on March 15 for the purpose of closing the Society's books for the year.

During the year the Board gave financial assistance to the Committee on Michigan Architecture, and also to the Architects' Civic Design Group.

Your Secretary has been present at all of the board meetings, and he has recorded the minutes thereof.

It has been a great pleasure and privilege to have served the Michigan Society of Architects as secretary, and I close my term of office with best wishes for its continued success.

EXECUTIVE SECRETARY

Talmage C. Hughes

In the year just past membership in the Michigan Society of Architects has reached an all-time high of 547. It is composed of 483 corporate members of The American Institute of Architects (Detroit 412, Grand Rapids 52, Saginaw Valley 19) and 64 non-resident Michigan registrants.

When a Michigan architect joins the A.I.A. his membership in the M.S.A. is automatic and a portion of his chapter dues is forwarded to the Society's treasurer. Ninety per cent of the architects registered in Michigan, who reside, practice or are employed within the state are Institute members.

This is as far as unification has progressed but, in the opinion of many, Unification has been achieved. A point in question is, should the Society continue in its present form, or should the three chapters surrender their charters and become branches of a state-wide chapter—the M.S.A.? None of the chapters has favored surrendering its charter. Moreover, in becoming a chapter of the Institute, the M.S.A. would have to surrender its status as a Michigan non-profit corporation, unless this obstacle could be overcome.

The Weekly Bulletin of the Society, now in its twentieth year, continues to serve the profession in Michigan and is mailed to many others throughout the country. During 1945 its second class mailing permit was surrendered in order that one issue per month might be mailed (third class) to all architects in the United States, under sponsorship of the National Council of Architectural Registration Boards. When paper restrictions permitted the National mailing was continued under the new name, National Architect, and the Weekly Bulletin's second-class permit was reinstated.

The placement service has had many requests from architects' offices but there have been few draftsmen available. The Society's plan to aid in veterans' training and apprenticeship should in time, bear fruit and prove helpful to both architects and draftsmen.

COMMITTEE ON MEMBERSHIP

Geo. M. McConkey

The Membership Committee of the Society is fortunate on two counts: first, of all Michigan registered architects who live in the state, approximately 90% have joined the A.I.A. through one of the three state Chapters and thus automatically are members of the State Society without any effort on the part of your Membership Committee. Second, there are about 180 architects registered in Michigan who are residents outside the state, and to this group our most efficient President, Allen sent out a letter recently with a special humorous appeal and received the checks for the 1946 dues from 64 in this group. This obviously leaves little more for your Society Membership Committee than to gather the statistics for the year and possibly an occasional prodding of the A.I.A. Membership Committee to get that other 10%. Or, as an alternate, the Society can create and build up an associate membership list taken from among those draftsmen who have partially completed their registration requirements and signified their intention of completing their registration.

LEGISLATIVE COMMITTEE

Kenneth C. Black

The Legislative Committee of the Society did not hold any meetings during the past year for the reason that A.P.E.L.S.C.O.R. decided that the 1945 session of the Legislature was not an opportune time to present amendments to the registration law. During this session of the Legislature a bill was introduced by others, however, which would have resulted in a consolidation of the general office of the Registration Board with the general offices of other professional licensing agencies in the State. Representatives of the Society attended hearings on this bill before committees of the State Senate. Many amendments to the original bill were proposed by various interested parties, with the result that the text became so complicated and unworkable that the bill was never reported out of committee.

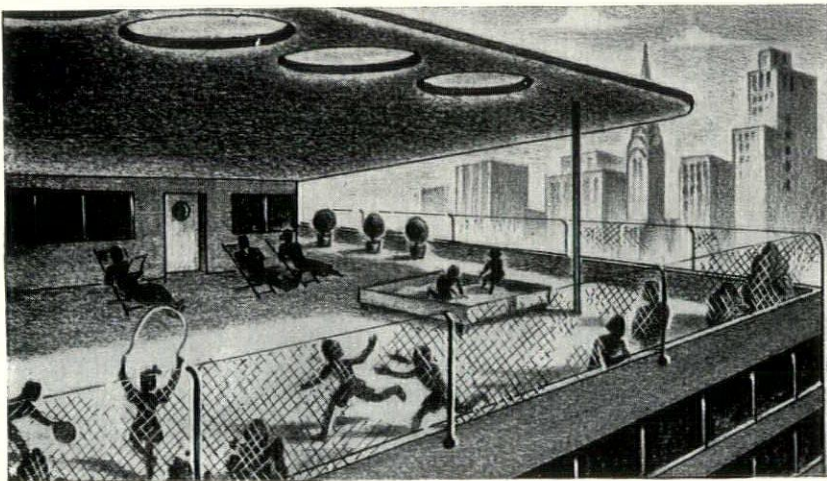
In Memoriam

The following members of the Michigan Society of Architects have passed on since our last annual meeting:

Frank C. Baldwin
Edgar John Clapp
Paul P. Cret
Raymond E. Eiserman
William A. Esslinger
Louis Kahn
J. Campbell Morrison
P. M. O'Meara
Herman W. Pipp
Alfred J. Seeler
A. Alan Stewart

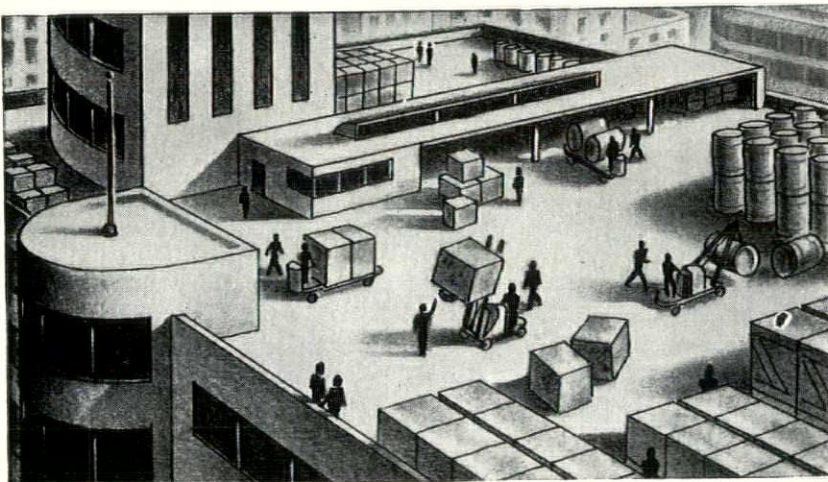
DO YOU HAVE SPECIFICATIONS TODAY FOR THE ROOFS OF TOMORROW?

Architects and Engineers are generally agreed that the trend is more and more toward making roofs functional—toward getting the greatest possible use from this valuable area. Most of these recent roof developments can be divided into the three classes pictured below, and Ruberoid has worked out sound, practical, *tested* specifications for each.



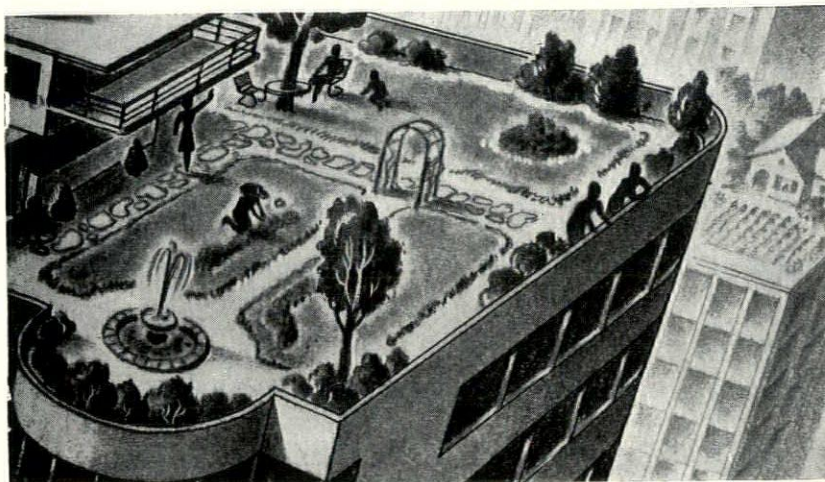
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Sun-bathed play areas for schools, outdoor decks for convalescents in hospitals, recreational space for office workers. Ruberoid gives you a simple, practical, efficient method of installing clay tile without the mess, weight and expense of a mortar bed. The entire application is confined to one trade, no divided responsibility.



HEAVY TRAFFIC ROOFS

These are tough, husky concrete surfaced roofs on which factory trucks may be used constantly, on which oil drums may be stored, and where any kind of activity that wouldn't damage a concrete sidewalk, may take place year after year. Ruberoid specifications give complete information, how to pour the slab and what to put under it. The cost is not excessive.



GARDEN ROOFS

Flowers, grass, shrubs, even trees, are now growing on many apartment roofs—real gardens for the enjoyment of city dwellers. These are made possible by effective Ruberoid design of drainage and flashings. The cost is but little greater than conventional promenade tile.

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WEEKLY BULLETIN

EIGHTEENTH ANNUAL REPORT ARCHITECTS' BUILDERS' AND TRADERS' GOLF COMMITTEE

William F. Seeley, Chairman

There probably ought to be a law prohibiting people from writing about something that they know nothing about. That was the position I found myself in when I started to write this report. For that reason this report differs from the others in that it simply records the facts along with a few words about what happened, as they were told to me.

It was my misfortune to have missed all but one outing and if any of you think it was easy to stay away—well then, gentlemen, you have not the slightest conception of what these outings have meant to me down through the past eighteen years.

To be frank, the season was not a good one. However when, considered in terms of good fellowship and friendly relations, I am given to understand that it was not surpassed by any of the others. There were good reasons why the attendance was down—a great many of you were down in spirit—you had someone over there—the war had to be won and you were busy doing your part. As to the weather it seems wars have a lot to do with that too, and we are going to let it go at that. We offer no apologies for the bad but take all the credit for the good.

This was the first year when all of the outings were held at one club. The Birmingham Golf Club has been very kind to us—they have taken us in when other clubs preferred not to entertain outside groups. To them we give our thanks.

The first outing was to be held on May 22nd, but was cancelled by your secretary on account of the serious illness of Mrs. Seeley, but it so happened that the spring rains had almost duplicated those of 1943 and play would have been impossible anyway.

Second: **TUESDAY JUNE 19—WEATHER, FAIR AND WARM.** Perfect Day. 100 played golf and 159 had dinner. This was a record dinner attendance. Mr. E. A. Baumgarth, Realty Editor of the Detroit News, was our guest. With Walter Pratt at the piano, John Kinsella gave out with one of his favorite numbers.

Third: **TUESDAY, JULY 17th—WEATHER, FAIR AND WARM.** Perfect Day. 91 played golf and 135 had dinner. Architect Claire Ditchy president, Detroit Chapter A.I.A., was our guest on this occasion. Walter Pratt at the piano led the singing of America, with solos by Messrs. Johnston and Richard. Piano selections by Mr. Stannard were also enjoyed. Huron Cement Co. donated a gift certificate from Rayl's.

Fourth: **TUESDAY, AUGUST 14th—WEATHER, CLOUDY AND WARM.** Showers p.m., 51 played golf and 72 had dinner. E. J. Brunner gave a short talk and presented the prizes. Peace with

Japan was announced at seven p. m. and many left for their homes. John Kinsella, with Walter Pratt at the Piano, led the gang in singing God Bless America.

Fifth: **TUESDAY, SEPTEMBER 18th—WEATHER, RAIN A. M. AND MISTY P. M.** Just 19 played golf and 43 had dinner. Yours truly presided at the dinner—the only one I was able to attend—while Ed Brunner and the Legislative Committee were at Lansing. Ed. called in from there and said they were saving the Industry. God Bless America was well sung, with Walter Pratt again at the key board.

Sixth: **TUESDAY, OCTOBER 16th—WEATHER, WARM AND SUNNY,** perfect day, 44 played golf and 93 had dinner. It was gratifying to have so many come out for dinner for it was again the occasion for celebrating the birthday of our beloved twice-Past-President, Jess Stoddard. This was his 74th, and we regret to say, due to Jess's throat affliction, he was unable to respond in his usual manner to the fine tribute paid him by our Secretary, E. J. Brunner. We sincerely hope that by the time Jess' 75th anniversary rolls around he will be again in perfect health and able to tell you fellows, as he has done so many times in the past, how he loves you all and enjoys your fellowship.

Cup Winners: June, Al Aldinger; July, Roy Pickett; August, Chas. Sestok; September, Cap. Isler; October, G. W. Scott.

Vital Statistics: 296 played golf (average 59), 502 had dinner (average 100); Perfect Attendances—Henry Jameson, Ed. Schuster, Walter Pratt, J. P. Moore, J. H. Downie, C. A. Kuhlman, Henry Mason, R. H. Hidey, W. E. Laux.

Architects who attended: J. Ivan Dise, D. Allen Wright, John Howell, Bill O'Dell.

These averages are the lowest obtained in a good many years. The reason—well, your guess is just as good as mine.

Total cash received was \$2,120.45 Paid for green fees, dinners, prize certificates, miscellaneous expenses, Goodfellows Fund and flowers was the total sum of \$2,124.56. To the amount received we add the balance left over from last season, the sum of \$31.90, which gives as a total \$2,152.35, from which we deduct the total amount paid—result, a net profit of \$27.79 for the season. There is, however, a cash balance on hand of \$62.54, part of which is to cover prize certificates still outstanding, and if these are not cashed, the amount they call for will constitute a nucleus to start the 1946 season.

The Award of Merit goes to the following: to your President and also your Secretary-Manager, E. J. Brunner, for his constant and enthusiastic support,

to John McCarrigle for taking over some of the meetings in my absence and doing a swell job, to Miss Wilma Page for her faithful and careful record keeping (and the great job she always does at the Club), to Miss Jane Cooper and Mrs. Cora Martin, who do the under-cover work that is so essential to the success of these meetings, to all of you, who by your presence, make these outings what they are, and to Walter Pratt and John Kinsella and all those who assisted them in furnishing a fine song and a cheerful note.

As a matter of record and as a mark of respect, we record the passing of Jim Hemstreet. Jim died on August 21st and was buried August 24th. Jim, up to the time of his death, confidently expected to be out to one or two of the outings. We want to thank all of you who were able to attend the funeral service.

1946:

We are planning to carry on next season and we sincerely hope that it will bring you much pleasure and satisfaction.

Thanks for the privilege of serving you, not only for last year, but for all of the seventeen years that preceded it.

UNIFICATION

The unification program of the American Institute of Architects is making considerable progress all over the country. As a part of that activity in Michigan, the three A.I.A. Chapters and the Michigan Society of Architects have been giving consideration and attention to this subject.

A joint meeting of the Boards of Directors of the above mentioned organizations was held on Oct. 16, 1945, for the purpose of discussing the situation in this state, and to frame a policy and program.

Mr. Roger Allen, President of the Michigan Society of Architects was requested to appoint a special committee to draw up a plan for unification in this state. After completion and submission of such a plan, it will be presented to the several organizations for ratification.

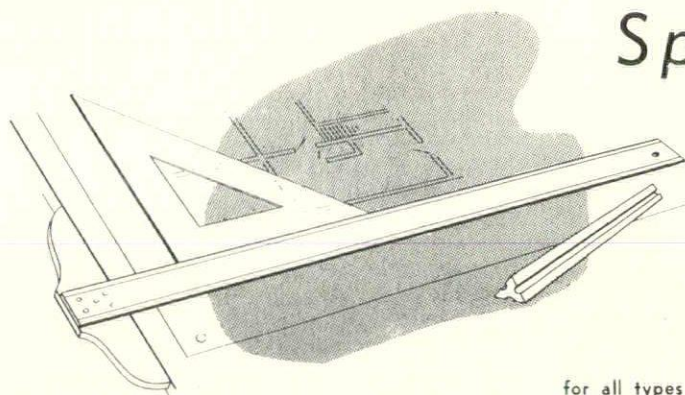
This committee has been appointed, and it is expected that a report will be prepared and submitted within the very near future. The new committee consists of A. N. Langius, Joseph C. Goddeyne and Malcolm R. Stirton.

PUBLIC RELATIONS

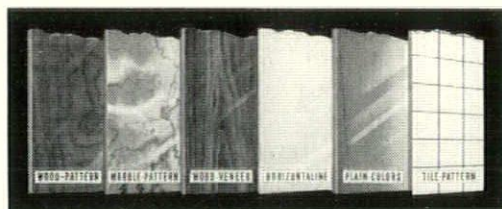
Ralph B. Herrick, Chairman

I believe that individually we all have in our private practices contributed something to this effort.

The Grand Rapids A.I.A. Chapter recently appointed a member in each city of its area to act in such a capacity that news of meetings would get in the papers. This past year your chairman represented the architects locally in working with builders and material people in forming the Lansing Builders and Traders Exchange.



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APELSCOR REPRESENTATIVE

Kenneth C. Black

During the past year a sub-committee of Architects, Professional Engineers and Land Surveyors Committee on Registration, under the chairmanship of Mr. Seeley, has prepared extensive amendments to the architects and engineers registration law. Architect members of this sub-committee were Professor Emil Lorch, Harry L. Mead, and your representative.

The report of this special committee is now ready for presentation to a full meeting of A.P.E.L.S.C.O.R. It is anticipated that this meeting will take place before the 1946 convention of the Michigan Society of Architects so that the proposed amendments can be placed upon the convention agenda for discussion and approval.

If the amendments are approved by the various member societies of A.P.E.L.S.C.O.R., it is the intention to introduce them in the 1947 session of the Legislature.

HOW TO PLAN YOUR NEW HOME

A Guide to Intelligent Building Prepared in Cooperation with Committee on Public Information of The American Institute of Architects

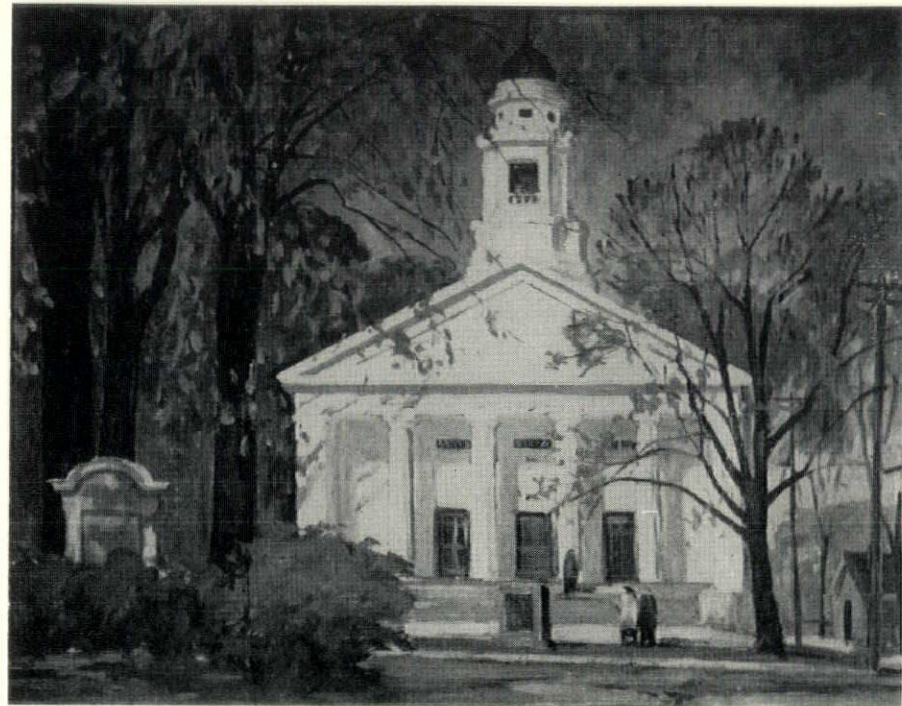
Published and Distributed by Edwards & Co., Norwalk, Conn.

YOU START THE BIG ADVENTURE

So you're going to build a house! What a wonderful feeling when that decision is finally made! You have always hoped that some day your family could live in a house you had planned for yourselves—combining all the best points of houses you have been in or read about. This house of yours—so you dreamed—would have comfort, convenience, room for all kinds of real living, places for everything, and above all an atmosphere that said it was *yours*. No doubt you have a drawer full of clippings collected through the years: a neat trick for magazine storage, a unique kitchen plan, a sketch of an especially good-looking fireplace or bay window. In your mental picture this house is complete—Christmas lights at the window, snow blanketing the roof. Or yours may be a summer picture, in color, with trees casting slow-moving shadow patterns on white clapboard walls and hollyhocks leaning over your picket fence.

Those are your dreams of home—or something like them. This little book is offered to you in the hope that it will help make those dreams come true.

For most people build just once in a lifetime, but even if you built a dozen houses you'd still need help in bridging the gap between mental pictures and actual brick-and-mortar results. We don't want to create the impression that building a home is hard or full of pitfalls, but we are firm in conviction that



New England Church, an oil painting by Charles Hannan, A.I.A.

unless you take advantage of expert help, the results may find you disappointed and disillusioned.

Let's go back for a minute to those mental pictures of yours: maybe snow won't blanket your roof in winter, because the house is so inadequately insulated that heat pours out and melts it away in no time, at your expense. Maybe those beautiful trees that made you choose this particular spot will never cast leaf shadows, because your house is badly set on the lot, so that the necessary deep dirt "fill" has killed them. Maybe you, to whom a picket fence is somehow a symbol of home, will find you have bought in a restricted section where no fences are permitted!

These may seem comparatively minor disappointments. There are major ones, too—flooded cellars, stairs so narrow your furniture won't go up, roof flashings that leak. These all may easily be avoided with an expert's help. So, in all sincerity, we suggest that before you go a step further on this big adventure you call in the man who knows how to turn dreams into houses—the architect.

You choose your architect and from then on he serves you, plans for you, protects your interests, watches each stage of the building progress. His years of professional training and his specialized experience are put to work to see that you get the house you want, plus the special safeguards he knows about and the many little extras he will suggest as plans develop.

In these pages we shall tell you what you can expect your architect to do for you and how you two can best work together, so that you may know the satisfaction of saying, "There's where I live. We built it ourselves—it's just

MICHIGAN ARCHITECTURE

Emil Lorch, Chairman

After receiving the approval of the Board of Directors of the Society the Committee on Michigan Architecture prepared a circular letter and a questionnaire. In the distribution of these there was some delay owing to the scarcity of clerical help but in the end copies were mailed to all architects registered in Michigan some of whom were serving in the armed services in distant countries.

It is our aim to learn what was done by architects in connection with the war effort in any form abroad or at home—as in some branch of the field services, or as an architectural employee or practitioner, singly or in association with others.

A large number of architects have responded but a number remain to be heard from and thus make desirable postponing a final report until additional data can be received. It can however now be said that Michigan architects might well be proud of the greatly diversified and distinguished record made by them during the second world war.

Excellent cooperation was received from the other members of the committee, Messrs. Joseph W. Leinweber and Thomas H. Hewlett, the latter as secretary of the committee having sent out nearly seven hundred copies of the letter accompanied by a questionnaire.

what we've always wanted."

FITTING THE HOUSE TO THE LOT

It is ideal if your architect can help you pick your building site. He knows about such details as utilities: gas,



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Yes, Sir!

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water, sewerage, electricity. Is there an alley or easement? Does the type of soil mean special treatment will be needed to make sure of a dry cellar?

You, naturally, will think of many of these things. You will also have asked about schools, transportation, tax rates, garbage collection, fire and police protection. You will have noticed whether the neighborhood is improving or deteriorating—time frequently causes strange ups and downs! But you may not have thought of inquiring whether there will be future assessments for further street improvements and whether prevailing winds bring industrial dirt or gases. You might even be so carried away by a wooded hilltop that you will find yourself with a piece of lovely acreage for which you have no access to a road or street! It has happened.

Usually the lot is bought before an architect is called in. Sometimes there is a long wait before you are ready to build. (If this is the case, you might well use this time to get some carefully chosen trees planted.)

When the architect is selected, he will go over the lot, very carefully, exploring all the possibilities, before he begins to work with paper and pencil. In this way he can be sure that the sun pours in the rooms you intend to live in most, that fine trees and pleasant views are put to fullest use. Now is the time to think of future privacy, of the proper place for your porch, your outdoor fireplace, flower garden and the area that can best be spared for driveway and clothes-yard. (Having garage doors open on the front or side rather than from the back uses less space but isn't always as attractive.) Now, comes the time to consider the all-important problem of the exterior style of the house, in relation to the lot and the surroundings.

Suddenly, in visualizing these, your house begins to come alive! You stand on a bit of firm earth and tell yourself, "Here's where I'll sit in the evening and listen to the radio—and over there's the perfect sunny spot for a flower border!"

FITTING YOUR HOUSE TO YOUR FAMILY

One of the many reasons for choosing your architect with care is that you are bound to become good friends during these months of planning together. He should not only inspire respect for his professional ability, but you must feel that you want to take him into your confidence. Talk to him freely—let him know how you live, what kind of parties you give, whether you are home or away in the summer, what are your hobbies and interests. If there are older children, who may soon be away at school or in their own homes, you may want to be able to shut off part of the house, leaving a compact "apartment." Or if the family is likely to grow, or older people come to live with you, the architect should know about it and either plan for room now, or allow for future additions.

Above all, be frank about your finances. A house that is much larger than

you need or more elaborate than suits your kind of life, is wasteful and expensive and will be a future burden. Tell your architect what you want to spend before you start.

Knowing about you, he plans a house that is *yours*—a recessed cupboard, painted robin's-egg blue, for mother's collection of old glass, a small room where father can keep his books and read in slippers comfort, a double-decker bunk for Bob who always has a pal around, extra big closets for Sis, wallpapered like her room, with a high rod for her evening dresses and shelves to hold her dozens of sweaters.

The fact that you have a house that is *yours*, is the greatest single argument using "free" or stock plans, which may tempt you as a possible saving. Actually, they probably will cost you more in the end, and may bring endless trouble. For instance, you may find, when complete, that the only place for your refrigerator is too small, that there's no wall space in the living room for the piano, and the bedrooms weren't planned for twin beds!

Making even small changes in stock plans, to try to bring them closer to your needs, can make them structurally unsound. And remember, that plan was drawn by someone who had never seen your lot or met you and your family. In addition, such cut-and-dried affairs are often devoid of good taste. They are not fair to you, for people are bound to think, "That's the house they built. I should think they could have done better than that!"

PLANNING and DESIGN

The physical appearance of your house—the material it's made of, the actual layout of the rooms—these are the best known tasks of the architect, though too often it is assumed this is all he does.

No two architect-designed houses will be alike, as no two families are just alike. The final plans will be arrived at without haste, growing out of talks in which you and your architect come together—you with specific ideas of what you want; he with judgment and technical skill. For instance, in choosing the exterior finish you will consider many factors—the general character of the neighborhood, the setting, climate, upkeep, relationship to interior design.

You will make compromises. Yes, you must face the fact that you can't have everything in one house—like the man who wants a snug New England "salt box", but also admires a fine two-story studio living room, with a beamed ceiling!

Your architect can perform miracles. He'll give you wall space for your large pieces of furniture, he'll be your "traffic cop" to save you hundreds of steps a day, he'll see to it that the rooms bear a proper relationship to each other. He'll avoid fads. Styles in house design come and go, but if you watch as you go about, you'll see that houses built with taste, on simple lines of good design, don't look ridiculous or out of date

whether they were built five, twenty or fifty years ago.

"MODERN" INSIDE THE HOUSE

No matter what you choose for the exterior of your house, you certainly want it "modern" inside, in the sense that you want to take advantage of the newest ideas in layout and the finest developments in equipment.

Adding much to ease and efficiency, for instance, is really adequate electrical wiring. Floor plugs, radio outlets and telephones can be put in the house inexpensively when it is being built. They'll be a major item if added later on, and an amateur job is always a fire hazard. A call bell or telephone from an upstairs bedroom or from the basement playroom to the kitchen may seem an unnecessary flourish, but such small additions can bring endless convenience later on.

It's traditional that the man of the house longs for a perfect place to keep his tools, while the woman grows starry-eyed over the prospect of enough closets! Well-designed and properly located closets are not a luxury—they are an essential to up-to-date housekeeping—closets for linens, cleaning equipment (big enough for the vacuum cleaner), for bags, summer and winter storage, card tables, games and sports equipment, big closets in the bathrooms!

The last ten years have seen amazing improvements in such important fields as insulation, heating, air-conditioning, sound-proofing, prefabrication. These may prove to be overshadowed by still newer advances.

No layman could possibly keep up with all these developments. Even if he could, he would not have the training to judge their value, to know which was just another fad and which a real step adding to the convenience of daily living. This is the architect's field. He will have followed the best of the experiments and be able to advise on them as they apply to your house.

Improvement in homes is a process of evolution, not of revolution, just as in automobiles and other familiar articles. Materials will gradually be adapted to new uses, labor-saving devices will be invented and improved. But don't wait for the "miracle house". It may be a long time coming.

ORIGINAL COST and UPKEEP

If your home is to continue to bring you pleasure through the years, it should not be a financial burden. From the beginning you should know what the monthly carrying charge will be. This is the yearly costs—taxes, interest, mortgage payments—pro-rated over twelve months like rent. You should also have a good idea of how expensive your house will be to maintain. A house of stone or stained shingles, for instance, costs much less for exterior upkeep than one which must be completely painted every few years.

There is no limit to the original amount one can spend on a house, and if every single item you think would

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be nice is included in a moderate-sized house, the expense will soon be top-heavy.

The architect must weigh values and advise you. Electrical outlets, as an example, cost less during construction than if added afterwards. Insulation and storm windows are items that add to the original cost, but which actually pay for themselves in a comparatively short time by lowering heating costs—and what wonderful comfort they give!

Good quality, in this as in every long-time purchase, means good service. Better wallpaper will not need to be replaced as soon, top-grade linoleum will wear far longer. On the other hand you may decide that the simplest brass hardware—though much less expensive than some—suits your taste. If you use wide board flooring you may actually prefer the second grade which has more variations in color and grain. The first coat of ceiling plaster, slightly rough, can be left without a finishing coat in certain styles of house. These are legitimate economies.

If some long-dreamed-of feature appeals especially to you, (say a huge window to give an unbroken view and bring the outdoors inside), then it will be worth the added cost. But usually where there is a question of take-it-or-leave-it the architect's judgment will save you money and regrets. He knows where costs can safely be cut without harming quality, and where only the best is worth buying.

RESALE VALUE

Whether or not business moves or family changes will ever put your house on the market, it is a comfortable feeling to know that it has a sound resale value which bears a reasonable relation to what it cost you.

Here the counsel of your architect is invaluable, because he knows from experience what kind of house people want. He will see that you have a home of outstanding individuality, yet one which does not stray so far from average tastes and requirements that it becomes unsaleable.

He will avoid cramping layouts. One couple wanted to have the baby's room connect with theirs. Their architect saw to it that there was a way to enter the smaller bedroom besides through the larger one—otherwise the house might be considered by a prospective buyer to have three usable bedrooms instead of four, an essential difference.

On the other hand, the value of your house can be vastly increased by numerous small architect-designed details that say, "This was built *special*ly; it's not just another house-for-sale."

Another duty of the architect which will affect the value of your house is his watchful supervision of the job while it is under construction. Is the builder using the quality of piping specified? Will the chimney draw? Hundreds of questions which arise during building need the watchful eye of an expert, and a quick, correct decision may mean a real saving money.

TECHNICAL DETAILS

Another quite distinct field in which you can expect your architect to protect your interests is in the related matters of finance and law. It is his business to design a building that will be approved by loan agencies. He understands the law as it pertains to building contracts and has studied the state and local codes which must be complied with, as well as labor laws, zoning ordinances, fire and fire underwriters' requirements and the rules of utility companies, such as gas, water, sewer, electricity. He will advise you about insurance.

The reason for requiring architects to register under state laws is to protect you. Before he may register as an architect, a man must have gone through a period of general education, technical training, practical experience and professional examination. This is your assurance that the buildings he plans and supervises will be safe, of correct materials and will have architectural merit.

The fact that loan companies are more interested in the architect-designed houses, and rate them higher financially, is outside proof of the value of the architect's service.

WORKING WITH YOUR ARCHITECT

Very well then, for you who want a house that is a home in every sense of the word—the architect is your man. He can prevent such common annoyances as too small closets, noisy plumbing, inaccessible light switches, doors that open the wrong way. He can also see that you have those priceless intangibles—character, good taste, and suitability.

Select your architect with care. If possible, visit houses he has designed and talk to others he has served, before you make your final choice. In other words, consider his reputation and past performances, just as you would in the case of a doctor or lawyer.

We have mentioned many ways that the architect will be invaluable to you. Let us now review the stages of his work.

After he has been appointed, your architect will begin those informal talks during which he finds out your specific requirements, needs and ideas, and considers the type of house and style of design most suitable. He will visit the lot you have chosen, or together you will make the selection.

These visits and talks will form the basis of preliminary sketches. The architect is visual-minded by training; maybe you are not. These sketches will help you discover what you really want and definite plans will now begin to take exciting form. Be sure to allow sufficient time and study at this stage. Of course you can hardly wait to see that first spadeful of dirt come out of the ground—but don't rush this important study—and conference period. Obviously, changes made later on will be costly.

When you have approved pencil sketches, your architect starts working

drawings with detailed dimensions and full information, at the same time carrying along the outline for written specifications and selection of materials.

After these detailed plans and specifications are completed and approved the next step is competitive bidding by a list of selected contractors. Bids are received and discussed by you and the architect, who will recommend awarding the contract to the lowest responsible bidder. Bids may vary as much as fifteen to twenty per cent.

Now the architect prepares large-scale and full-size details of any special features—mantles, panelling, stairway, front door treatment, kitchen cabinets.

These are used by the contractor and the company doing his millwork.

A MULTITUDE OF DETAILS

The drawing board of the architect may now be set aside, but he is far from finished. From the time the mason sets to work on the basement, until the last bill is approved and paid, he represents your interests. He will supervise workmen and mechanics, inspect and check materials and equipment. He schedules and follows progress, in order that the house may be done on time.

Since he must be an unbiased judge, the architect will have no financial interest in the job, other than the regular fee paid him by the owner. This is of the utmost importance and is a major reason for having an architect at all, rather than working directly with a building contractor in the belief that you may save money.

When the contractor requests partial payment, the architect checks the amount and quality of work completed, to see what sum is due. Fifteen per cent is generally held back until final payment, to insure satisfactory completion. Waivers of lien and sworn statements are required at the time of payments. The architect keeps accurate accounts and lets the owner know amounts paid, credits and extras and the amount of balance due.

This, then, is the working formula of an architect by which better homes can be built at lower cost: competitive bidding based on properly prepared plans, carefully supervised at every stage.

It is easy to see that the architect can save the owner much more than his fee—in designing a beautiful house, in seeing that it is properly built, in protecting legal and financial interests, in saving endless regrets.

The architect does not bid on the job. He is paid a fee based on the cost of the house. If you have been thinking of building a moderate-priced home, you may have felt you couldn't afford an architect. It is nearer the truth to say that, unless you have money to waste, you can't afford to build without one. His service is a necessity, not a luxury.

If this little book has shown you the value of making this major investment on a sound basis, it has achieved its purpose. Good luck and happiness in your new home!



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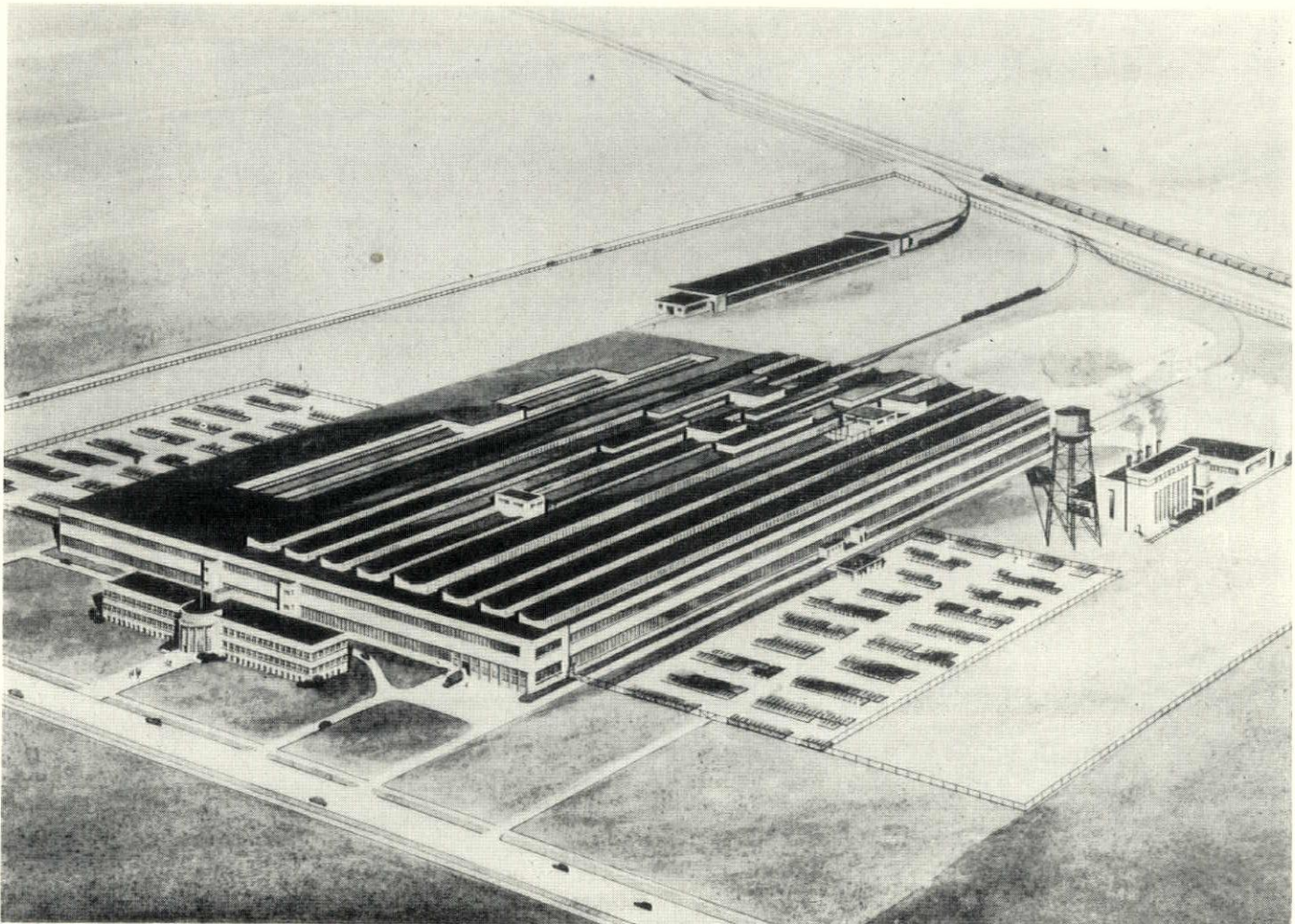
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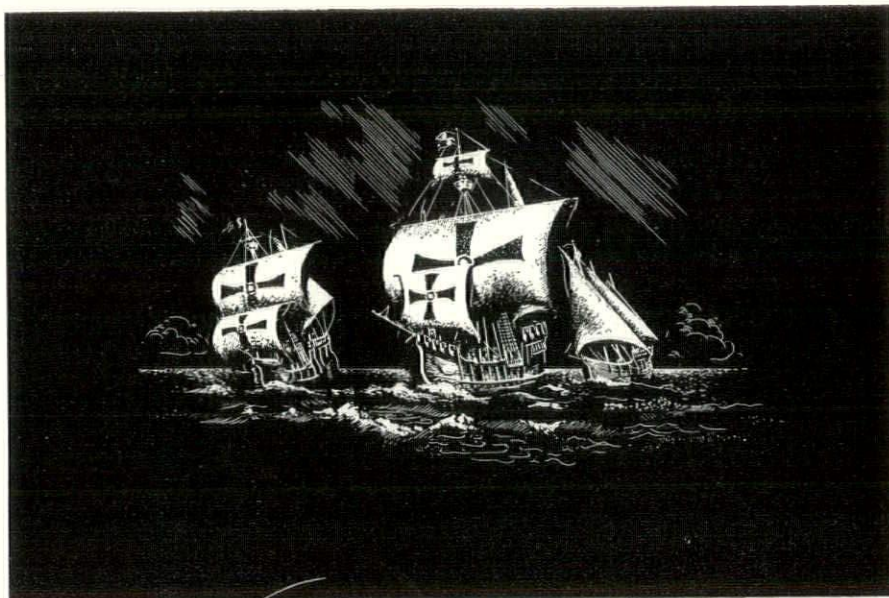


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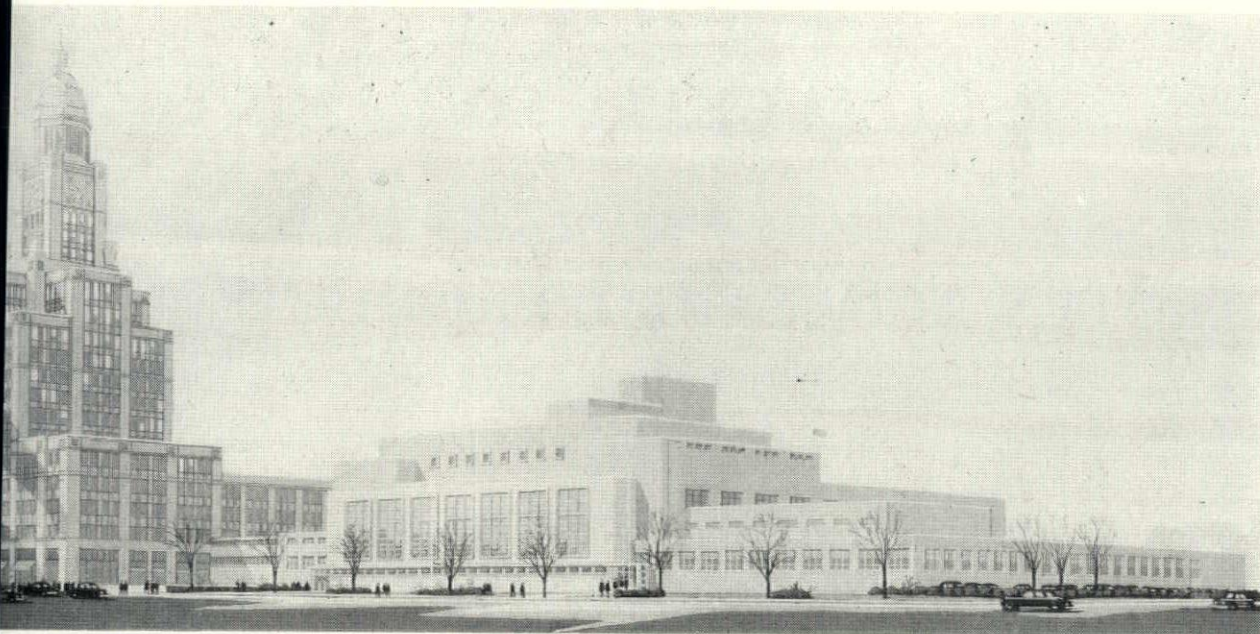
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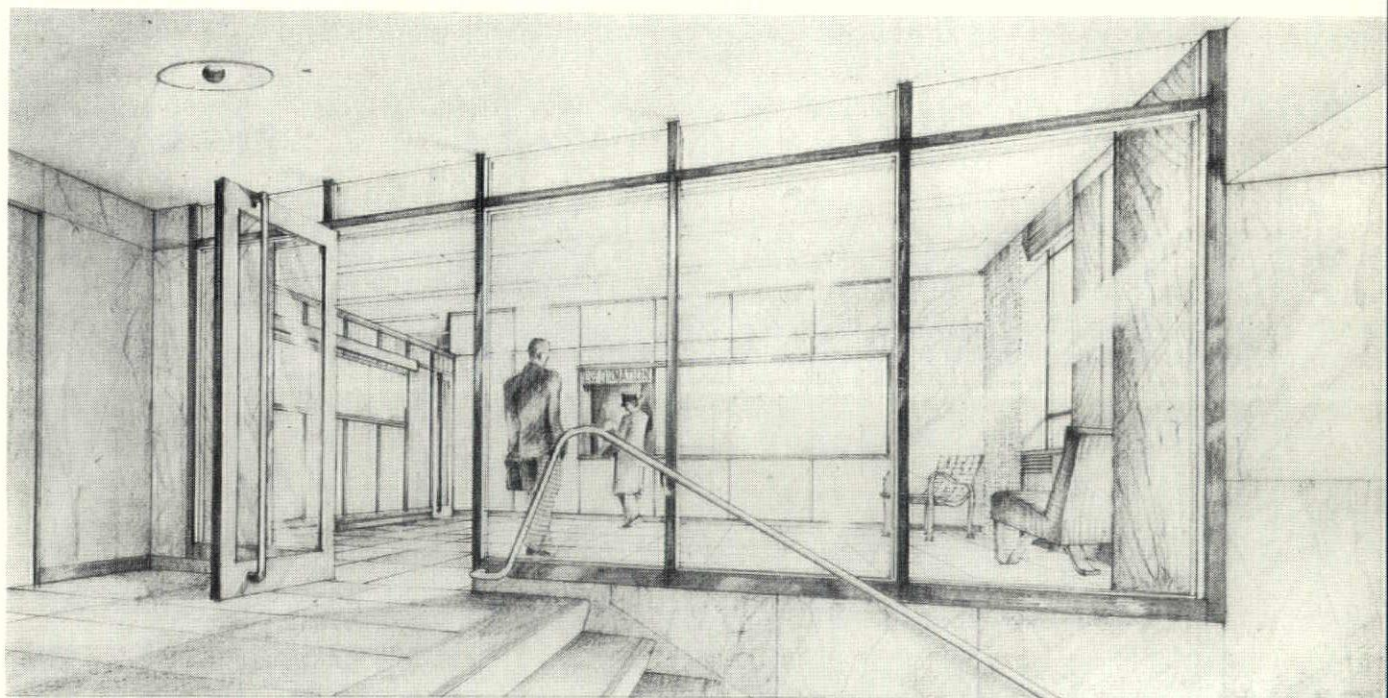
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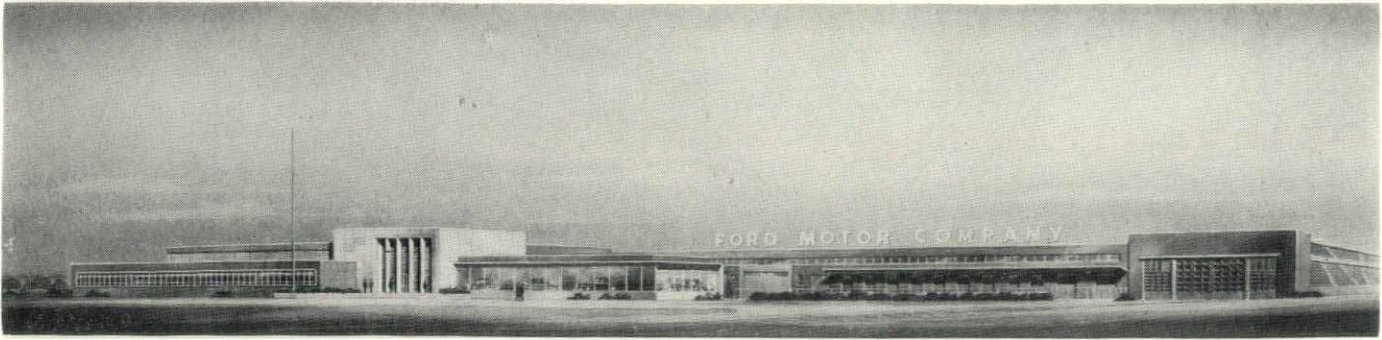


Newspaper Plant for Philadelphia Enquirer, Philadelphia, Pa.

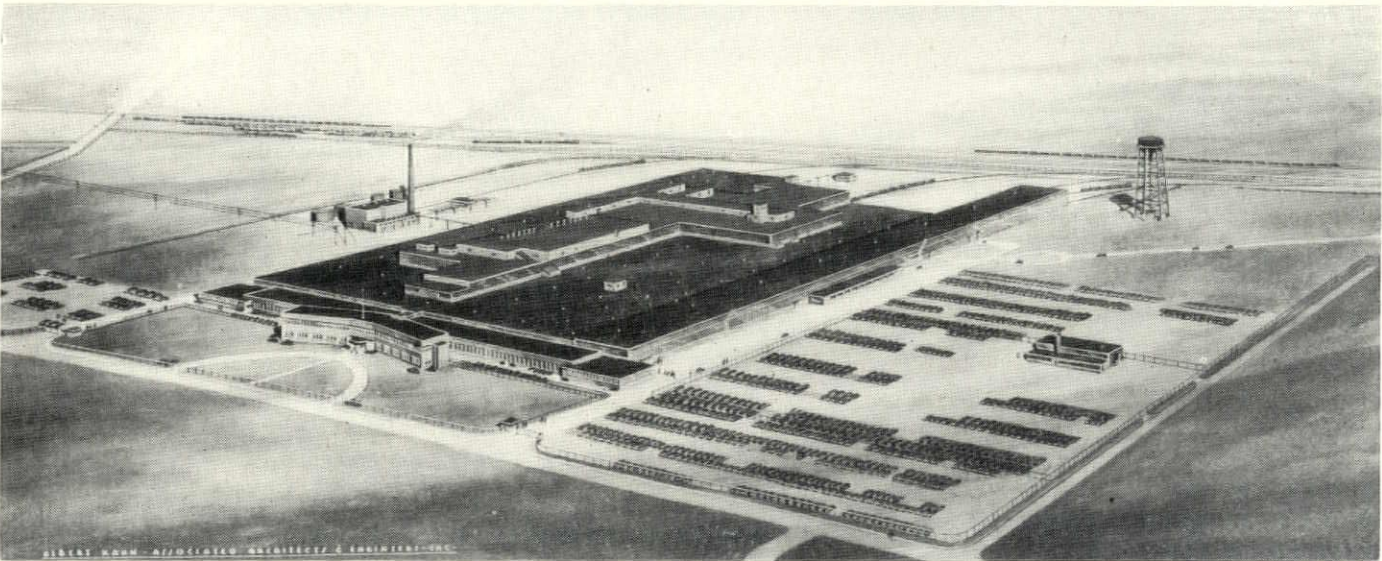


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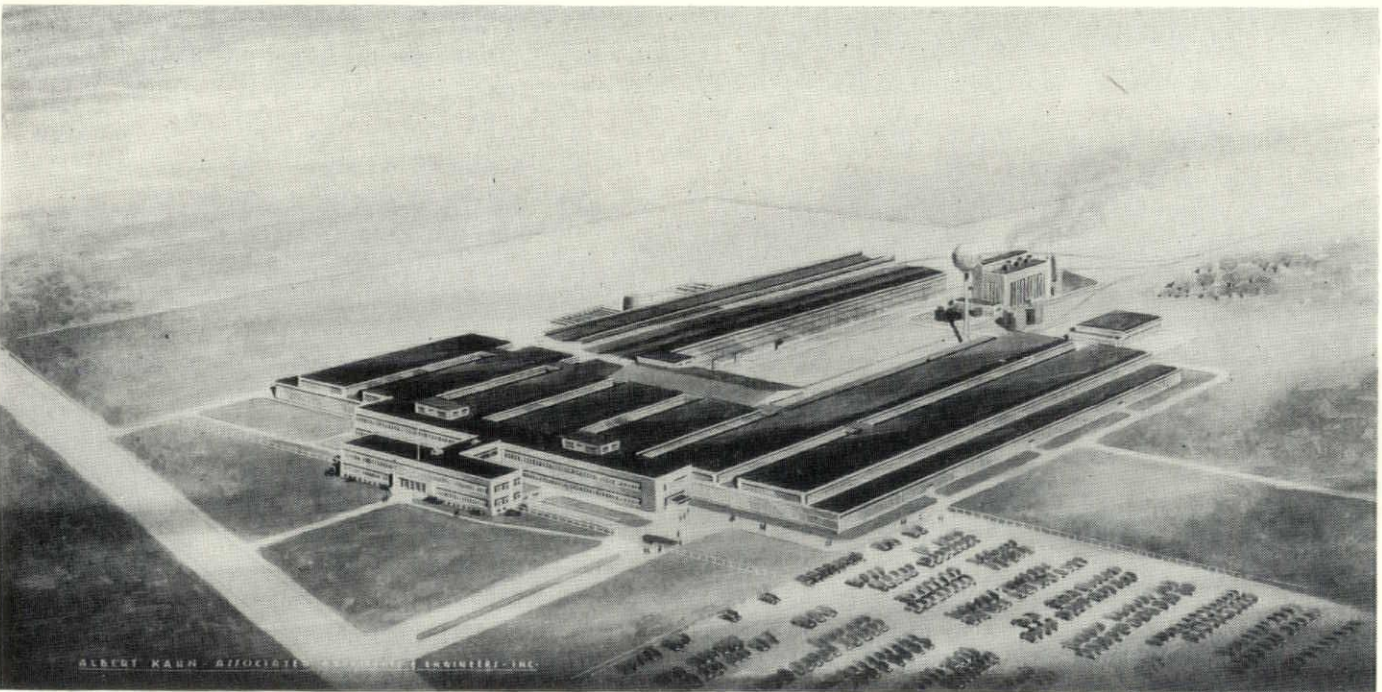
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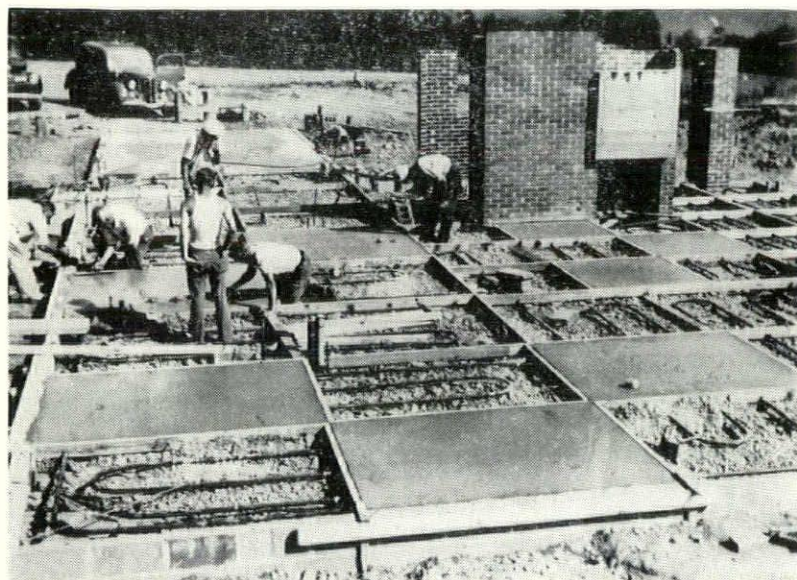
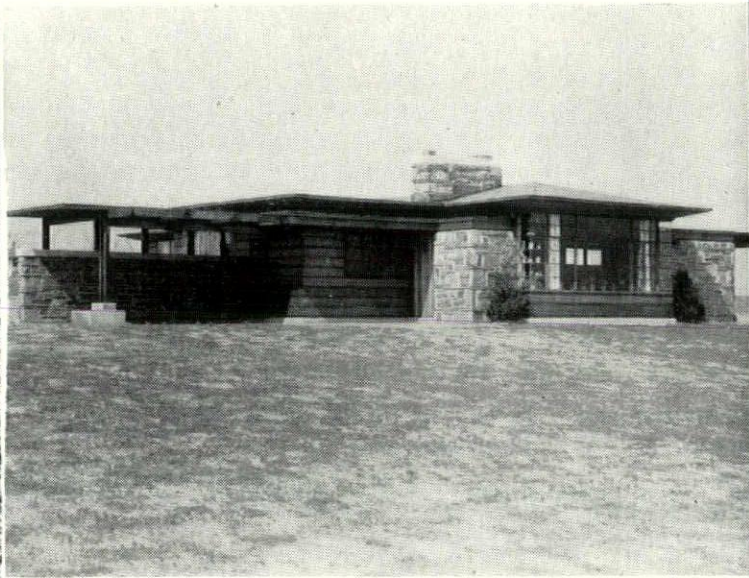
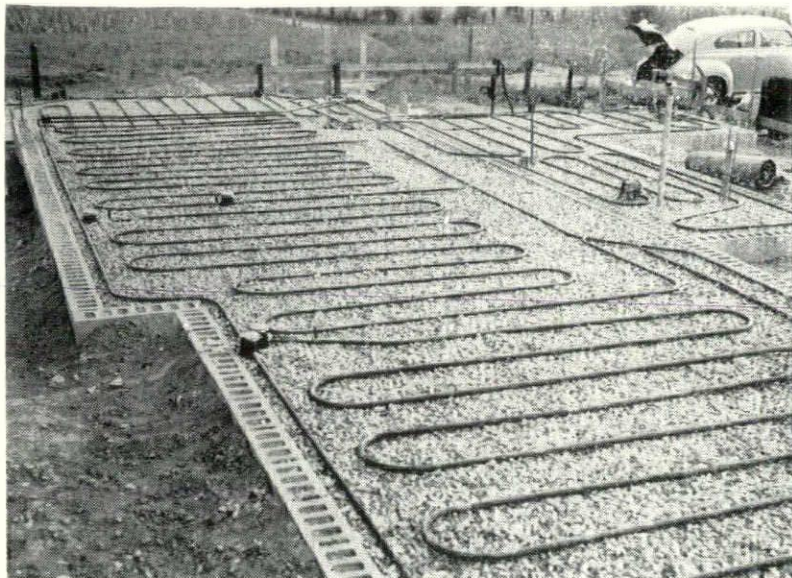


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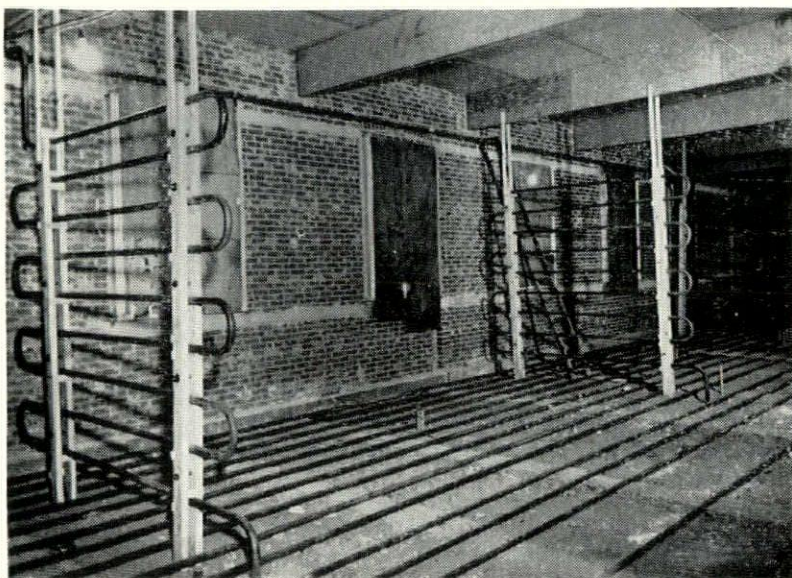
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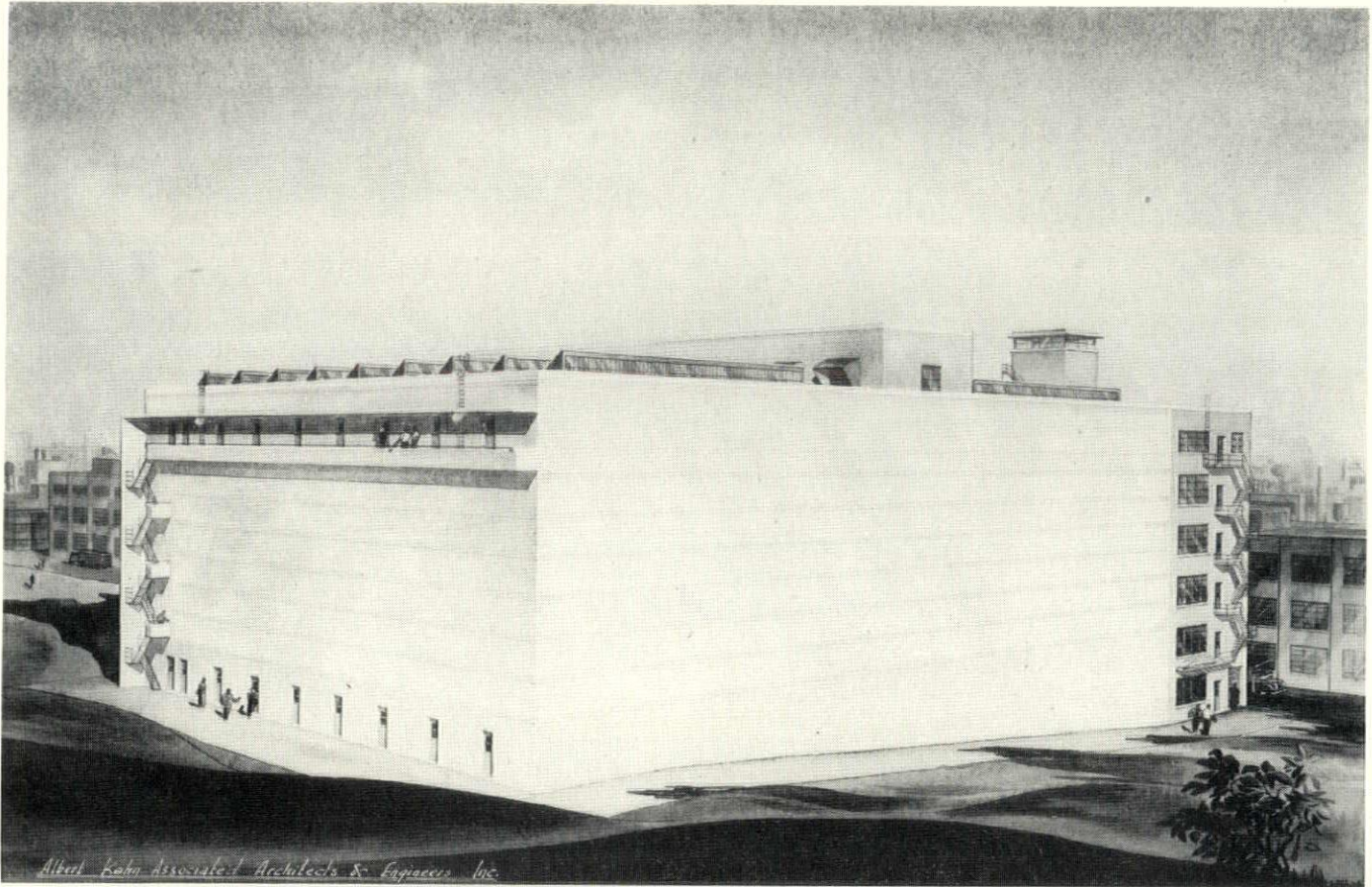
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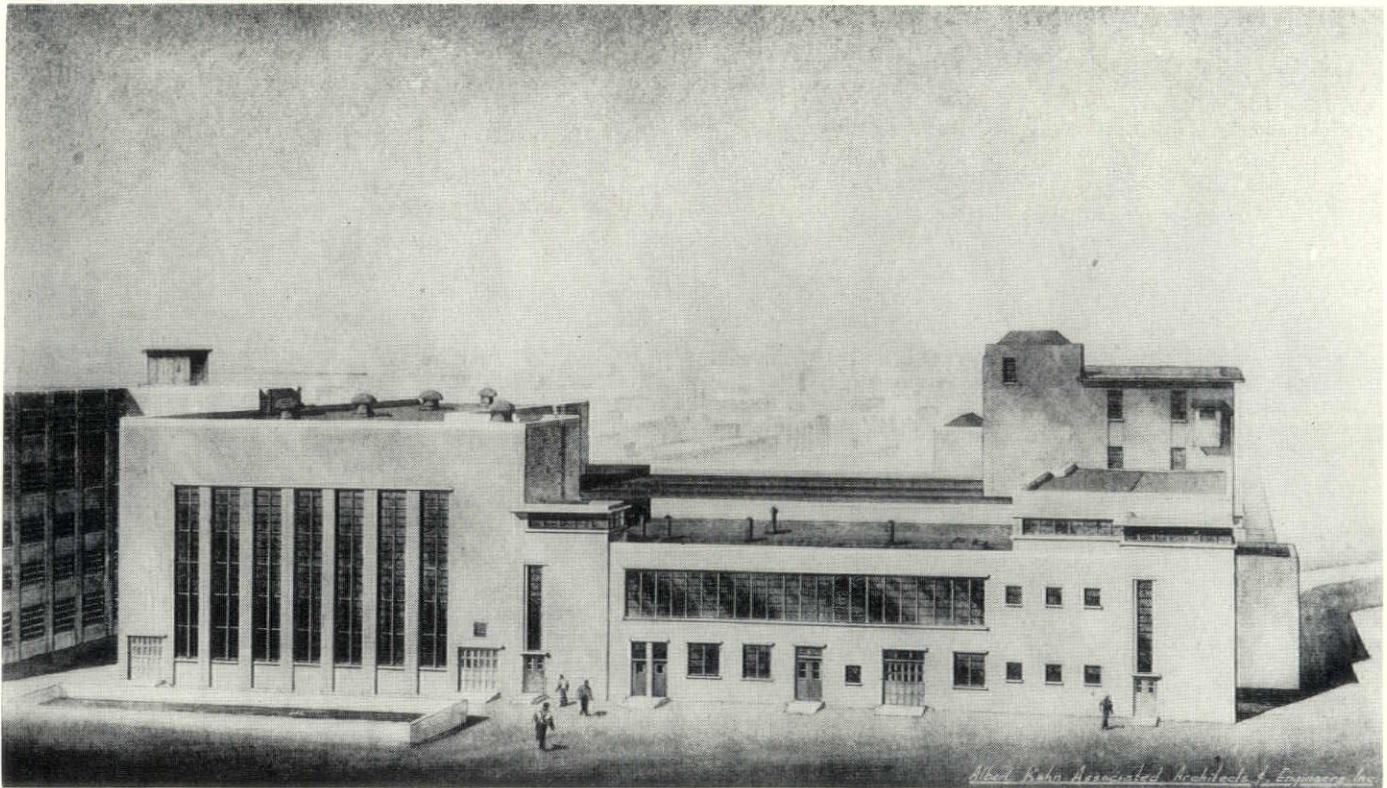
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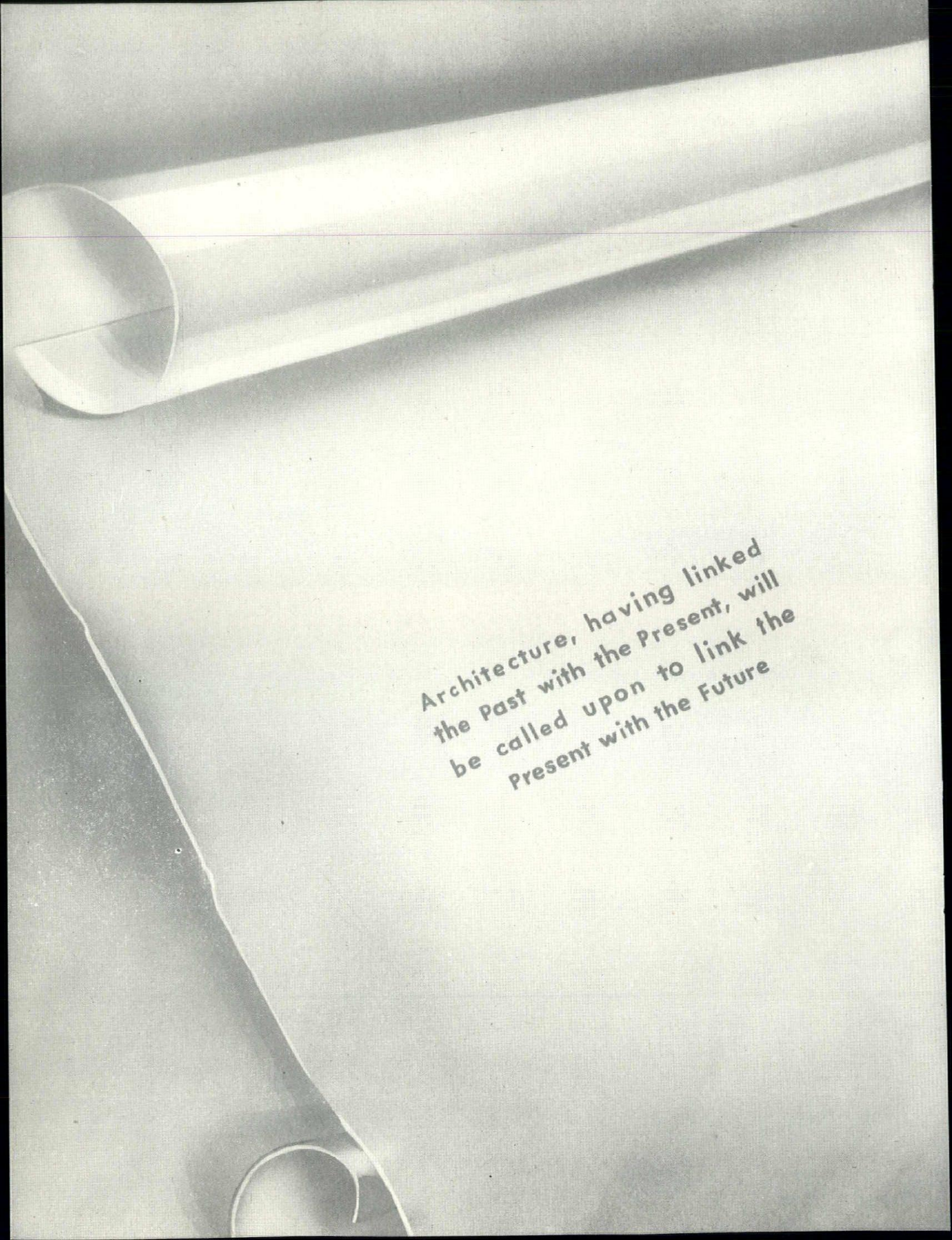


Congoleum Nairn Corporation, Kearney, New Jersey
(TWO VIEWS)



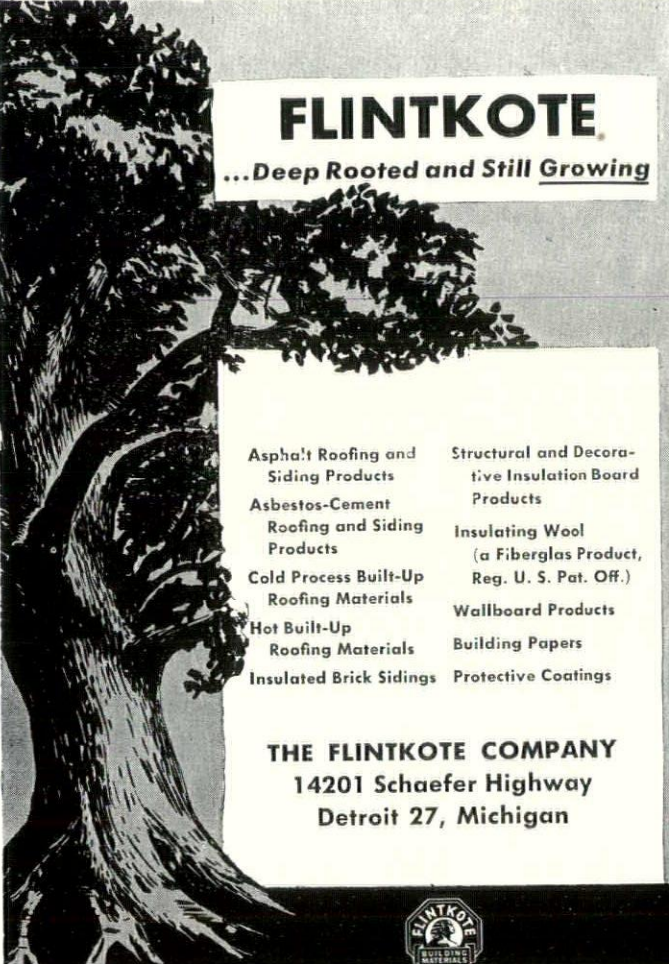
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MARCH 15, 1946

A black and white photograph of a rolled-up scroll, likely made of paper or parchment, resting on a flat surface. The scroll is partially unrolled, showing its cylindrical shape and the texture of the material. The lighting creates soft shadows, emphasizing the three-dimensional form of the scroll. In the lower right portion of the image, a quote is printed in a serif font, angled diagonally to match the orientation of the scroll.

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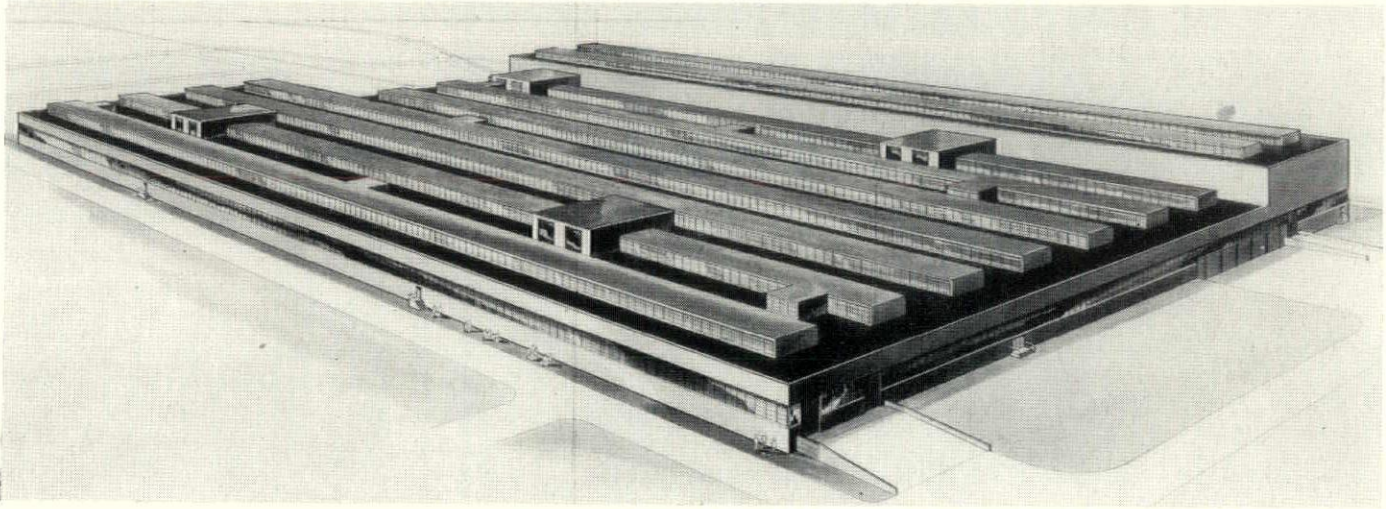
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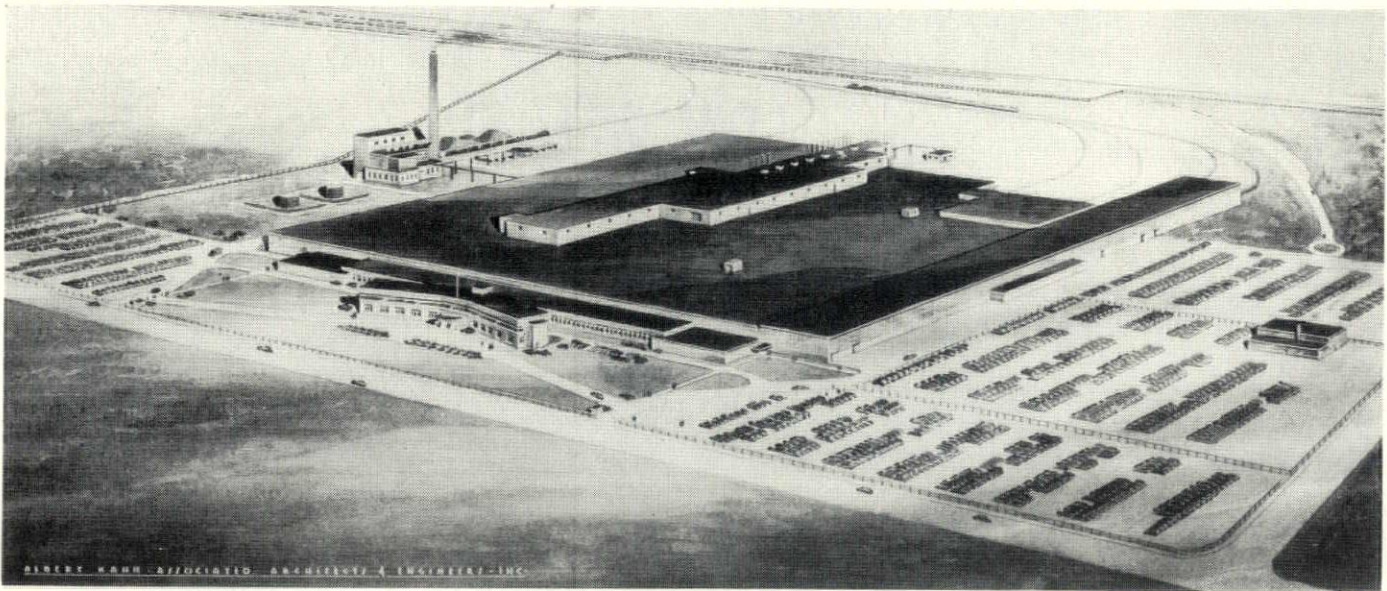
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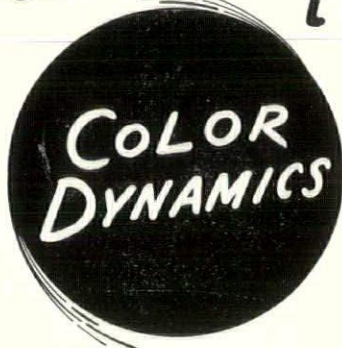
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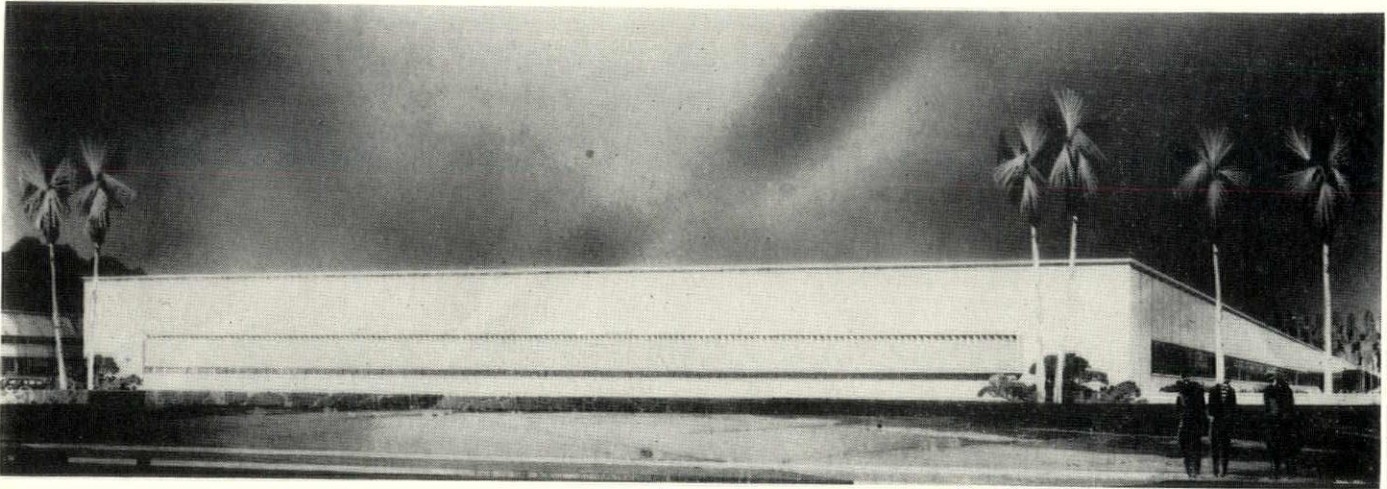
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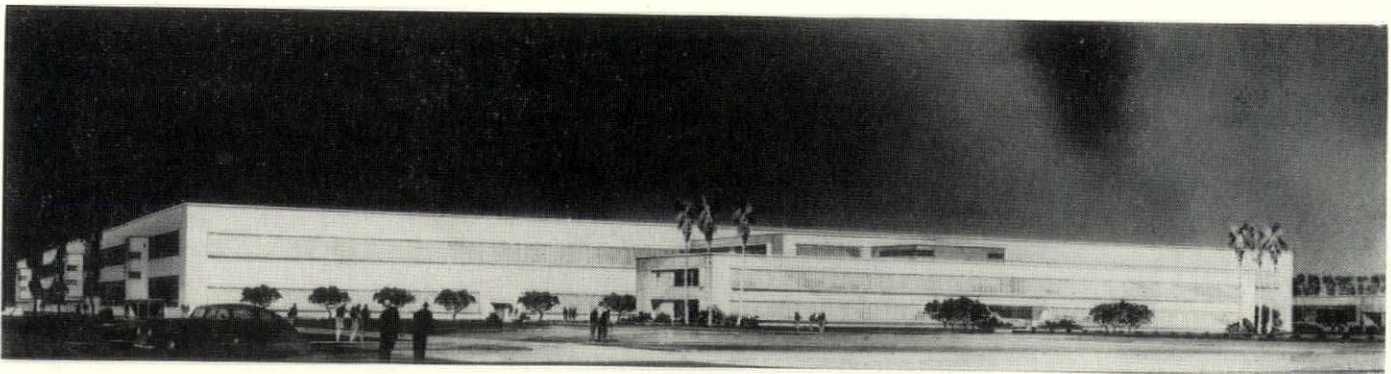
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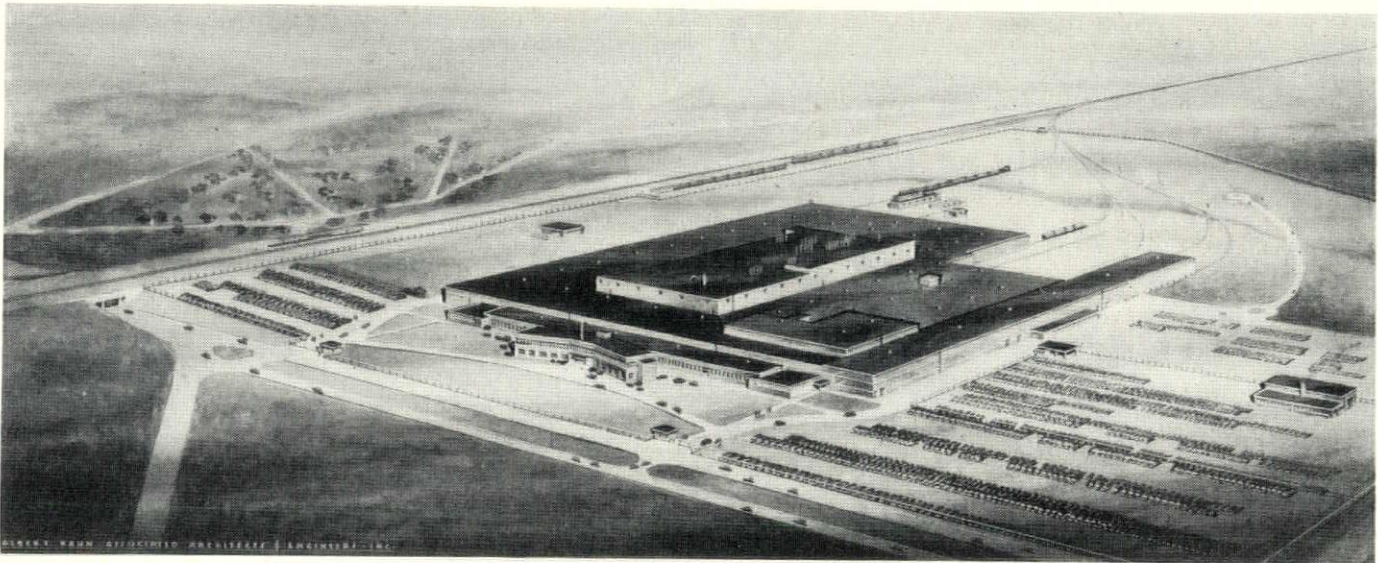
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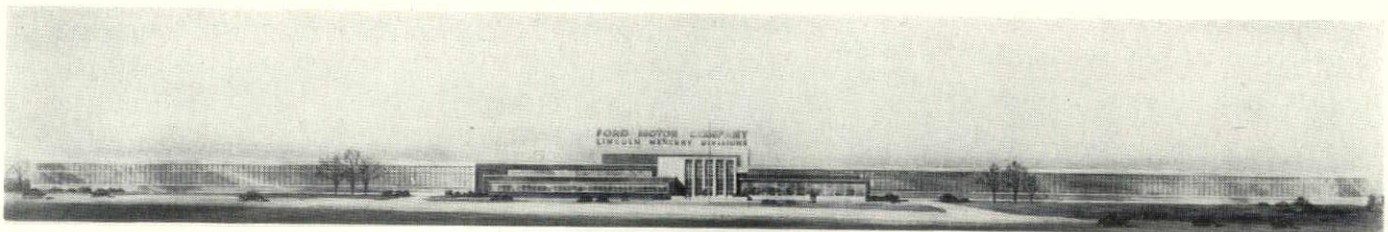
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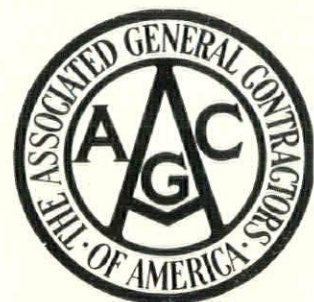
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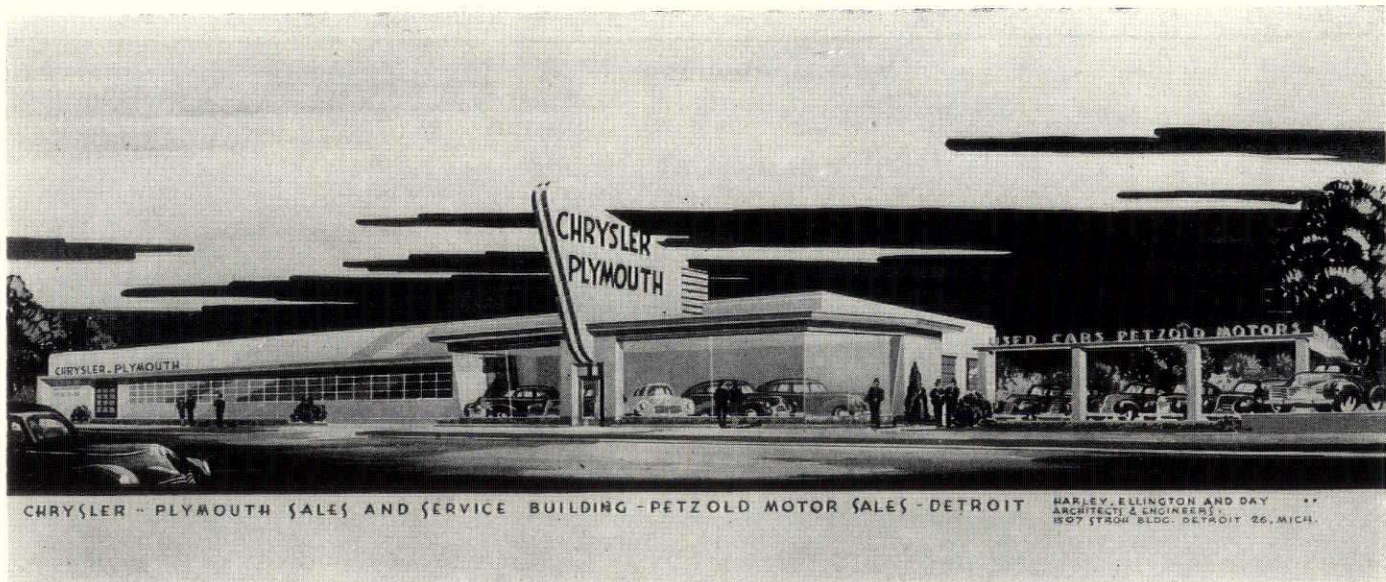


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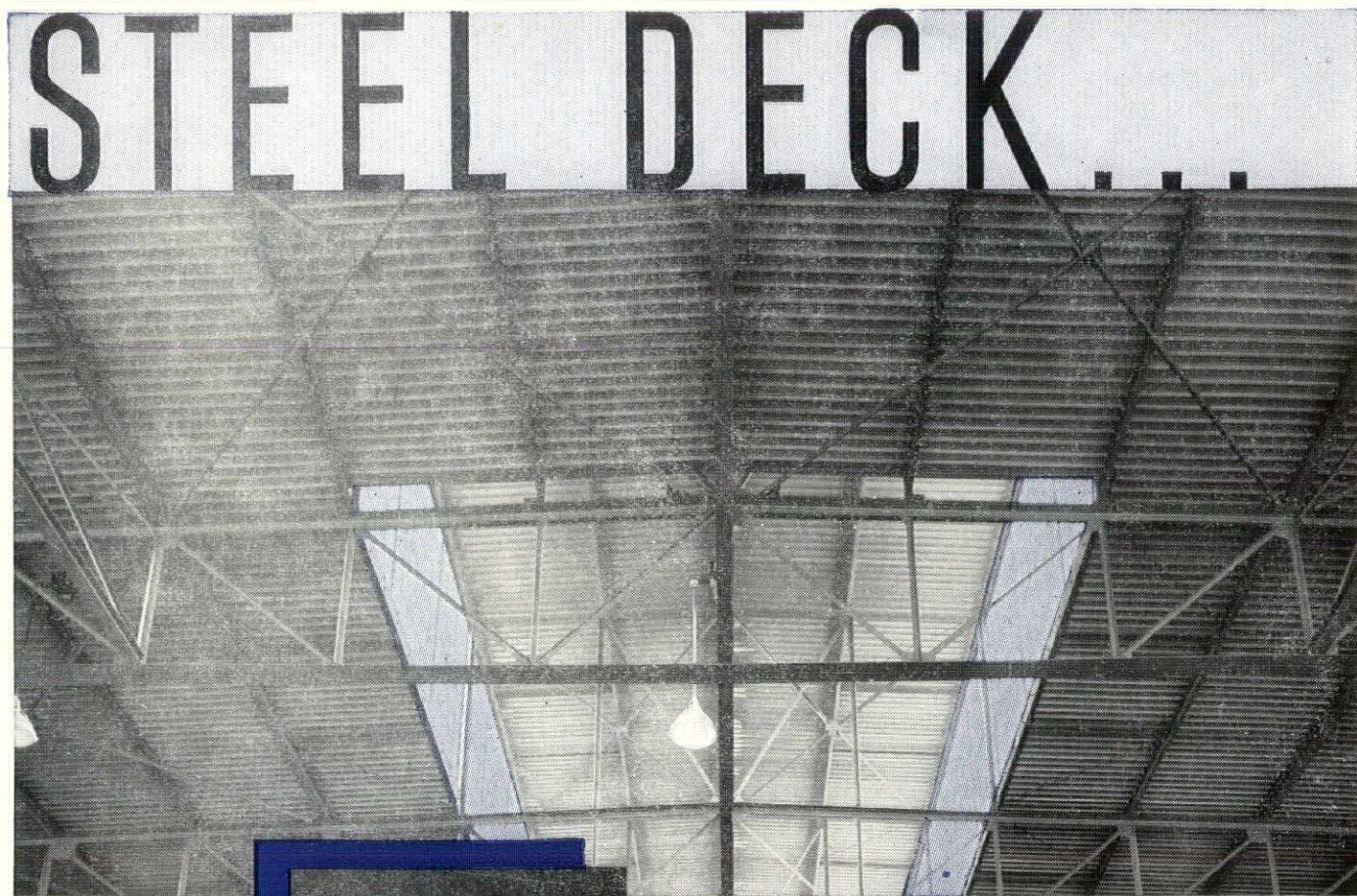


Garage for the Great Lakes Grey Hound Lines, Inc., Detroit, Michigan

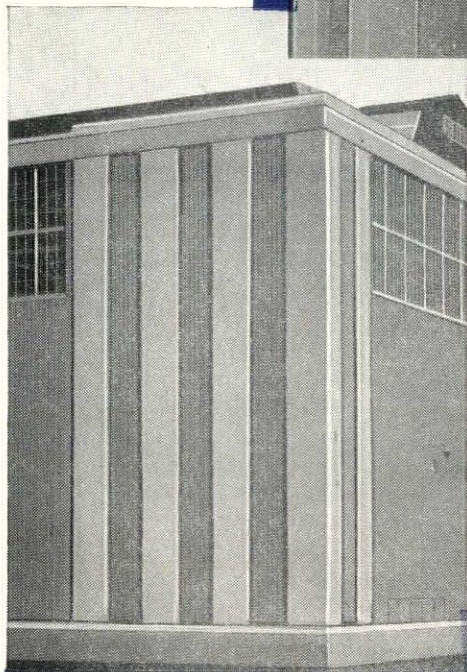
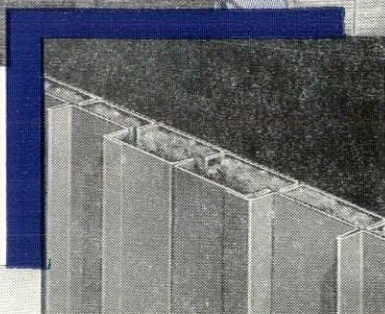
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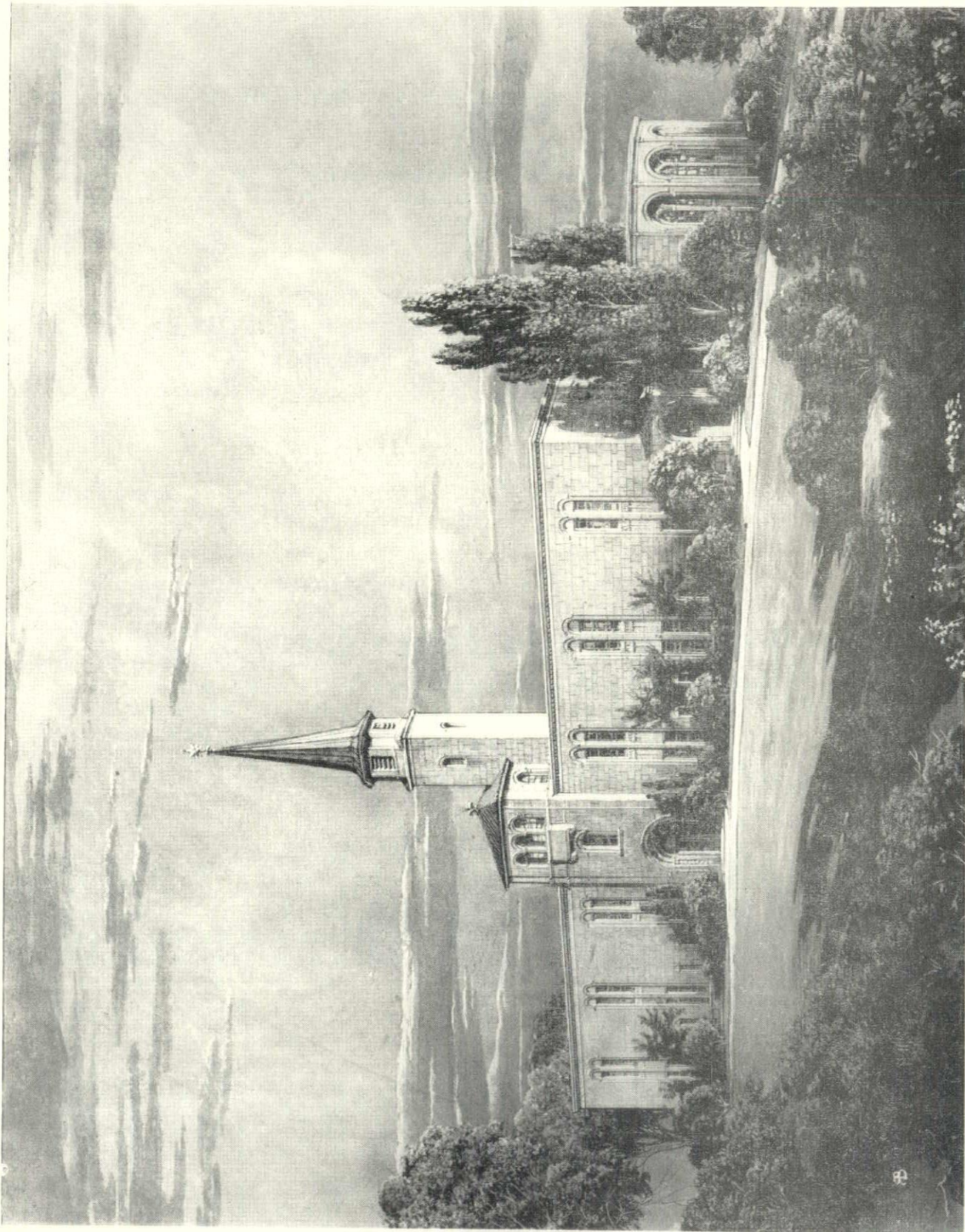
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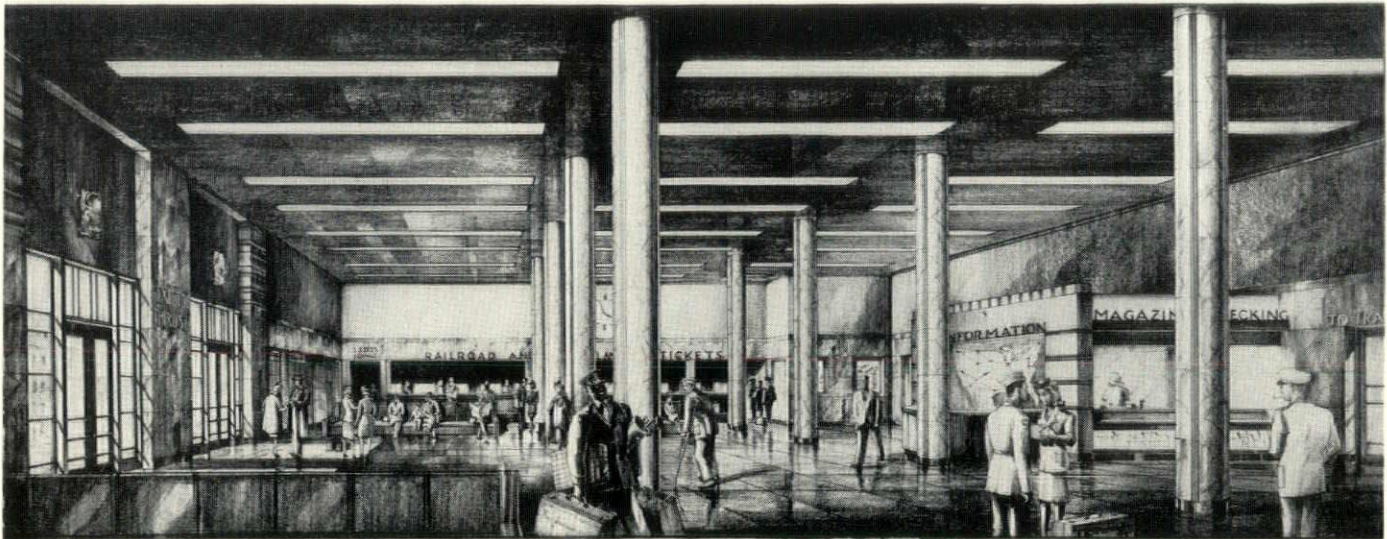
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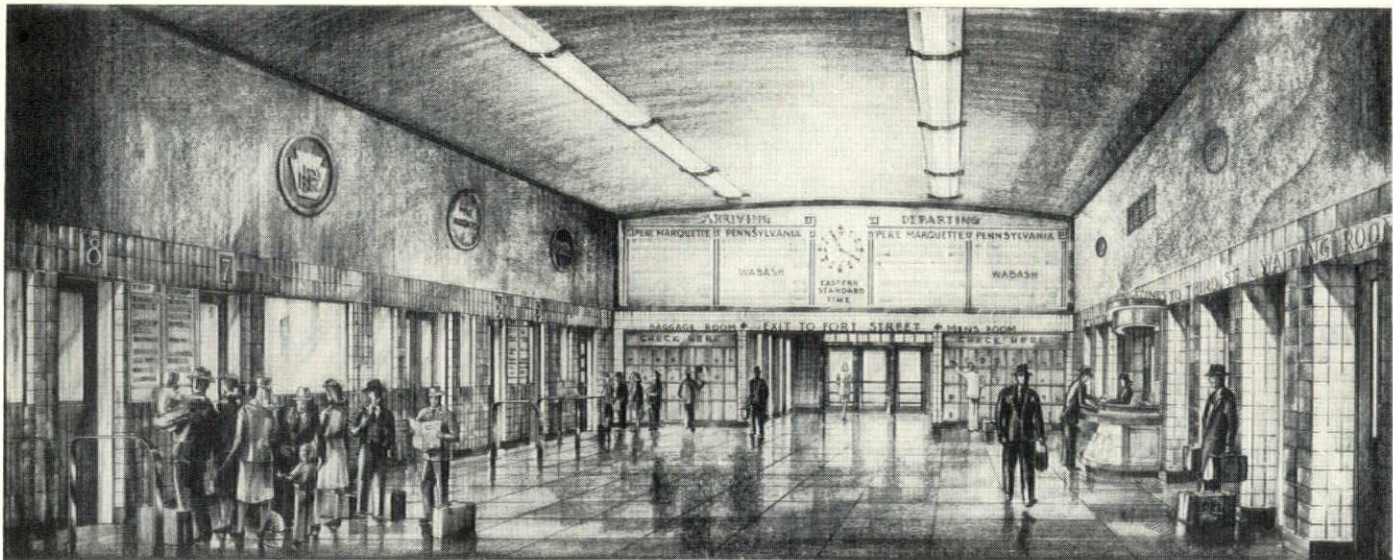


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The view above shows the new waiting room;
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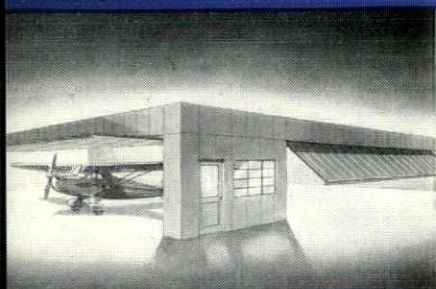
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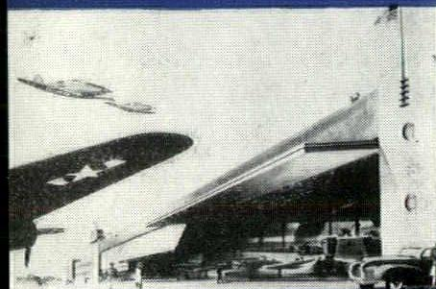
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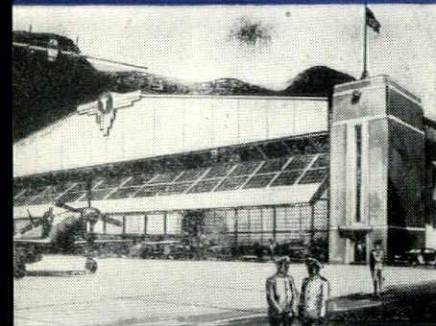
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Truscon Braced Canopy Doors



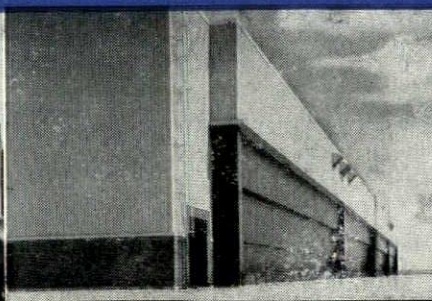
Truscon Unbraced Canopy Doors



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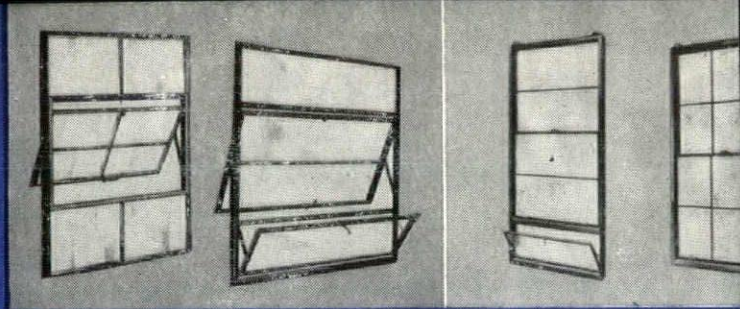
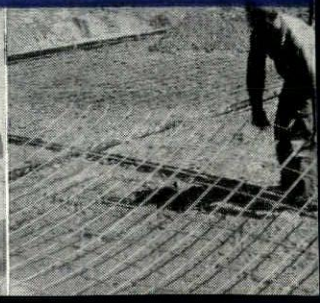
Truscon Three-Section Vertical Lift Doors



Truscon Metal Lath



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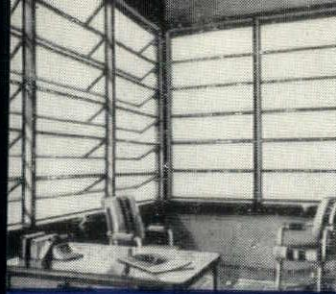
Truscon Projected Windows

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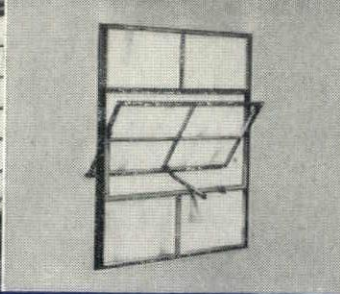
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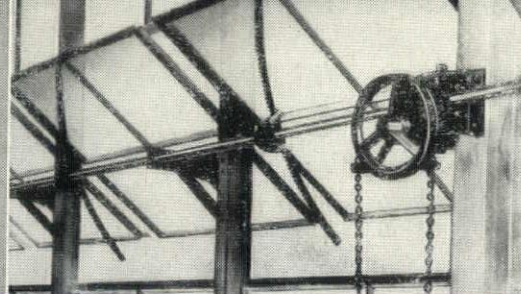
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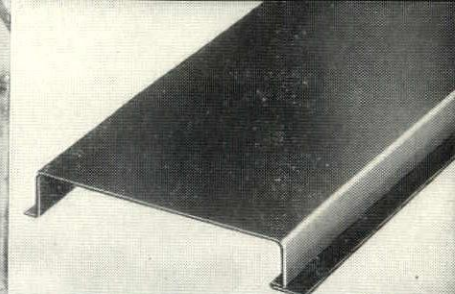
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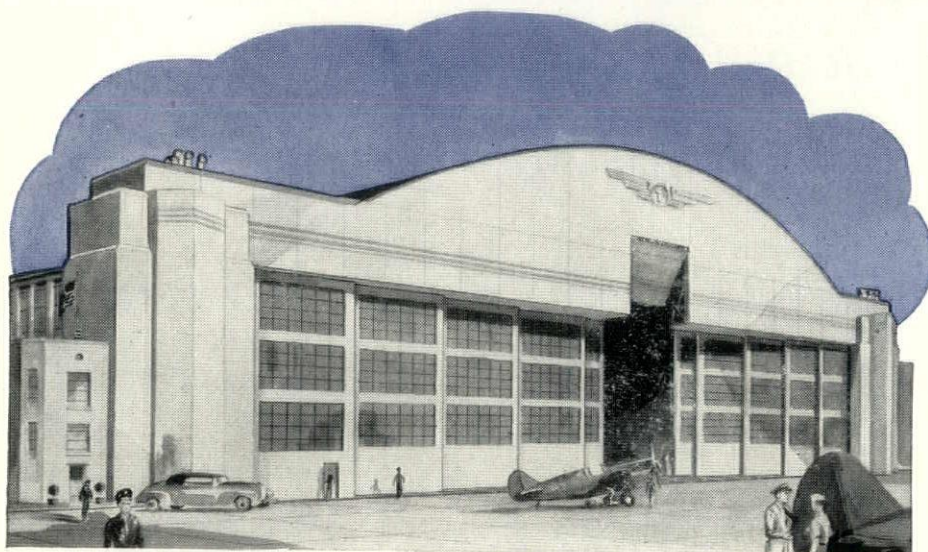
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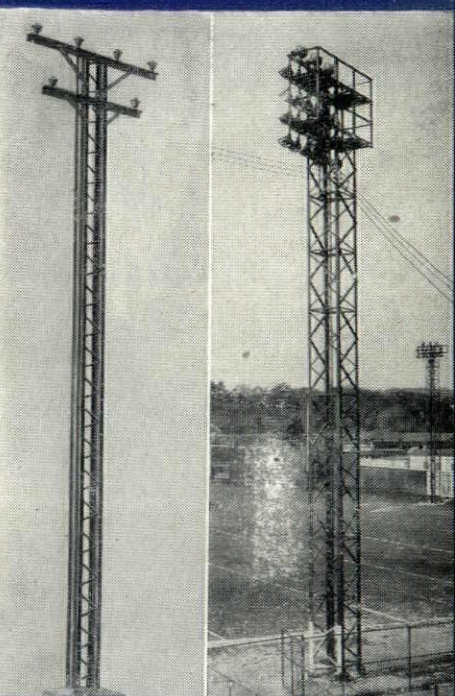
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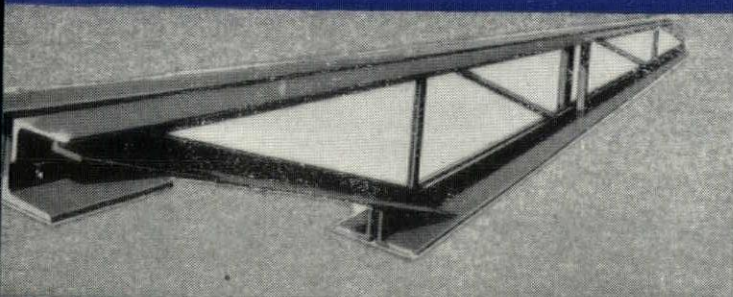


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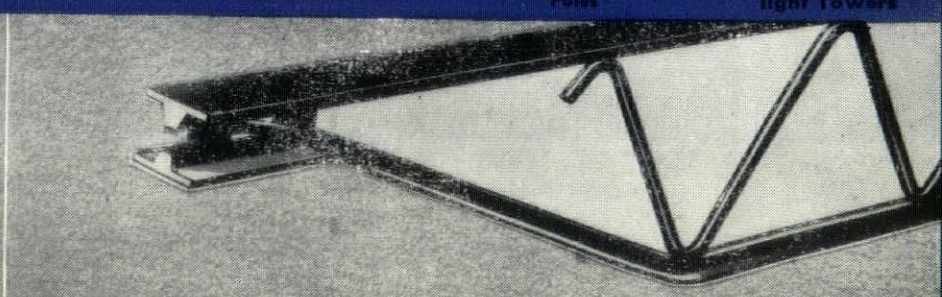


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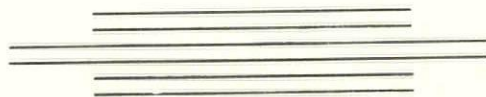
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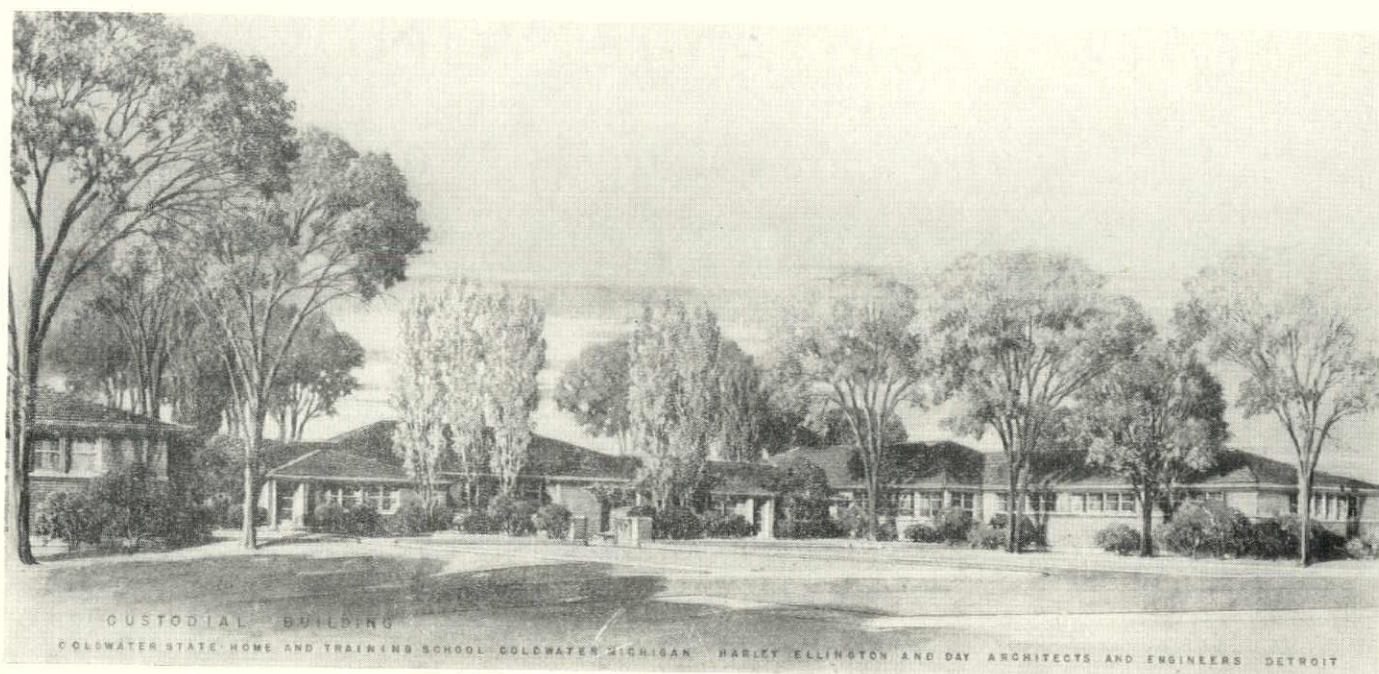
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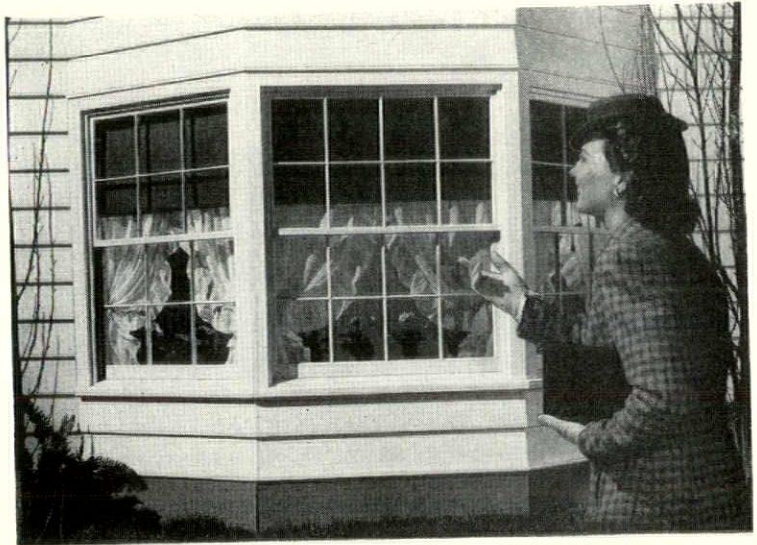
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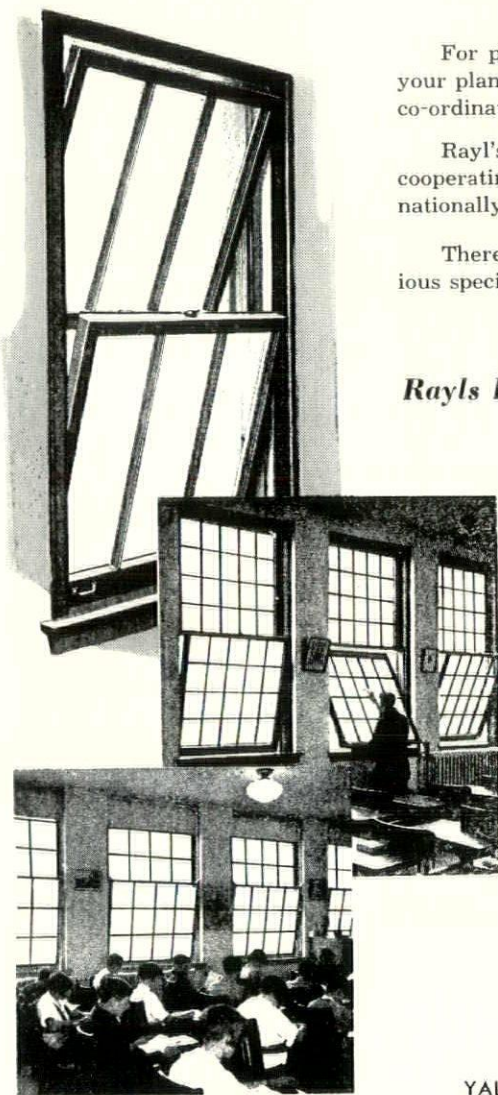
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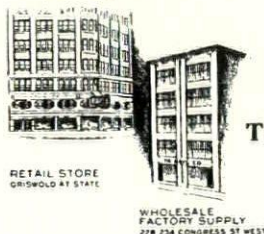
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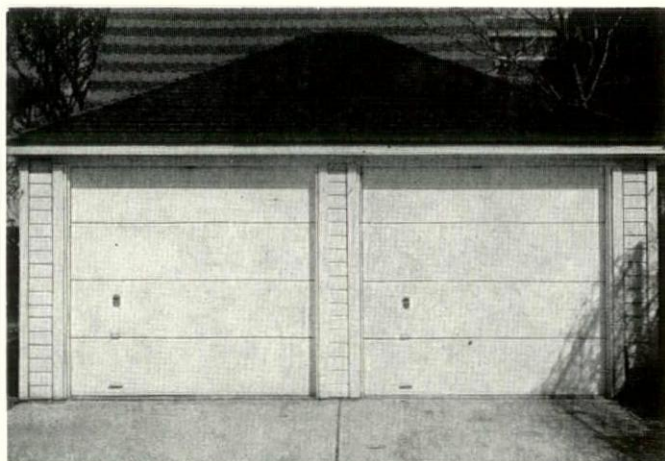
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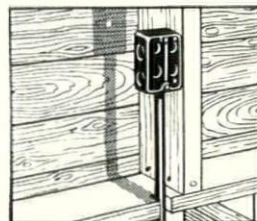
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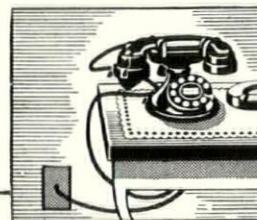
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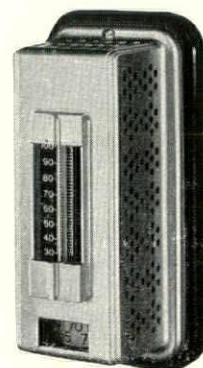
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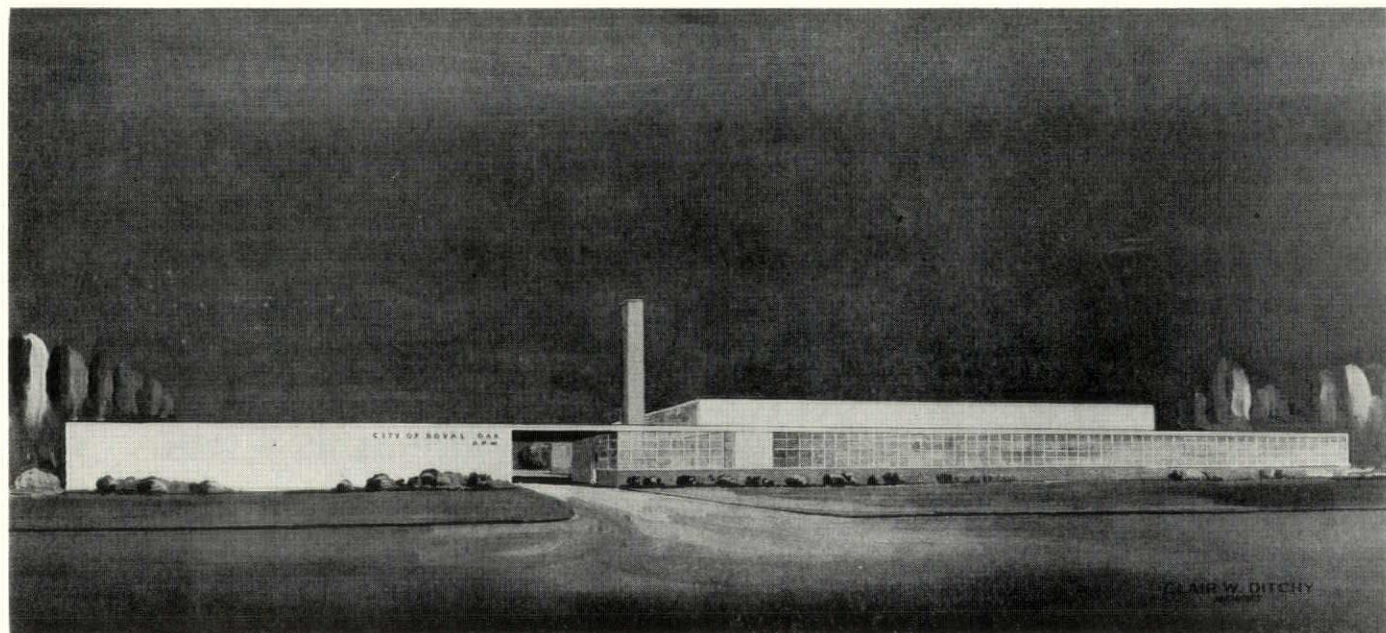
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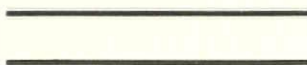
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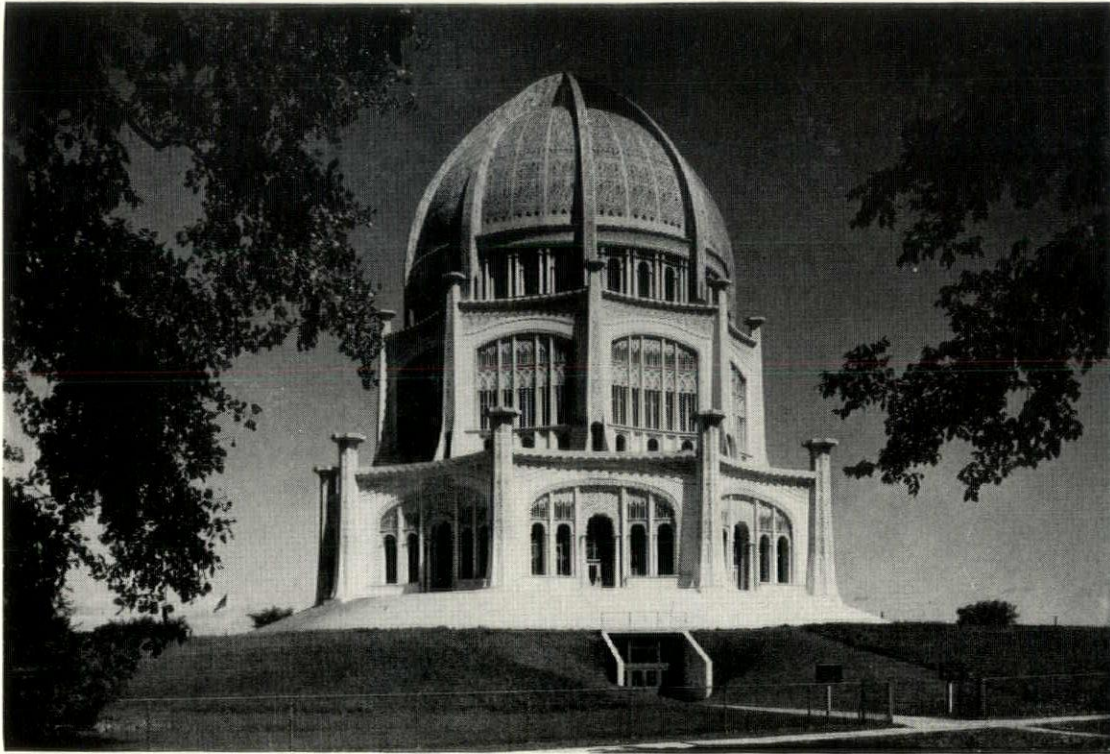
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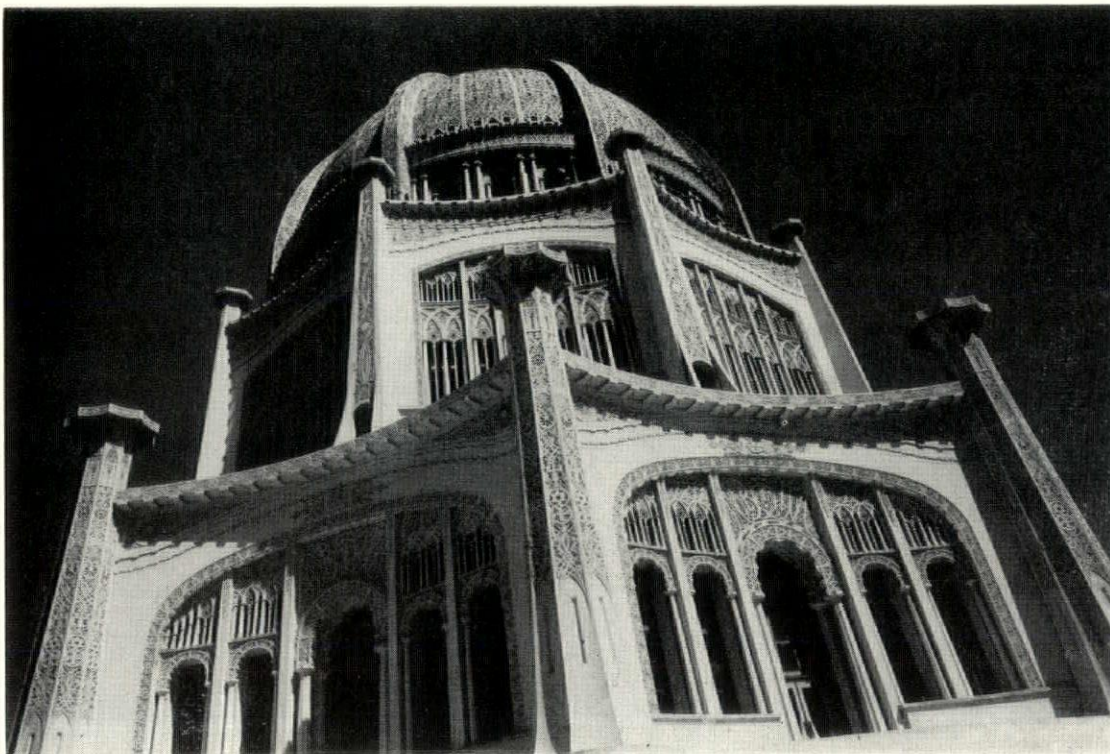
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Two views of Baha'i Temple, House of Worship of a World Faith, at Wilmette, Illinois. Architect; Louis Bourgois. It was built 1921 to 1938, several years work remain to complete the interior. Exterior ornament has been executed in a mixture of white cement and ground quartz.



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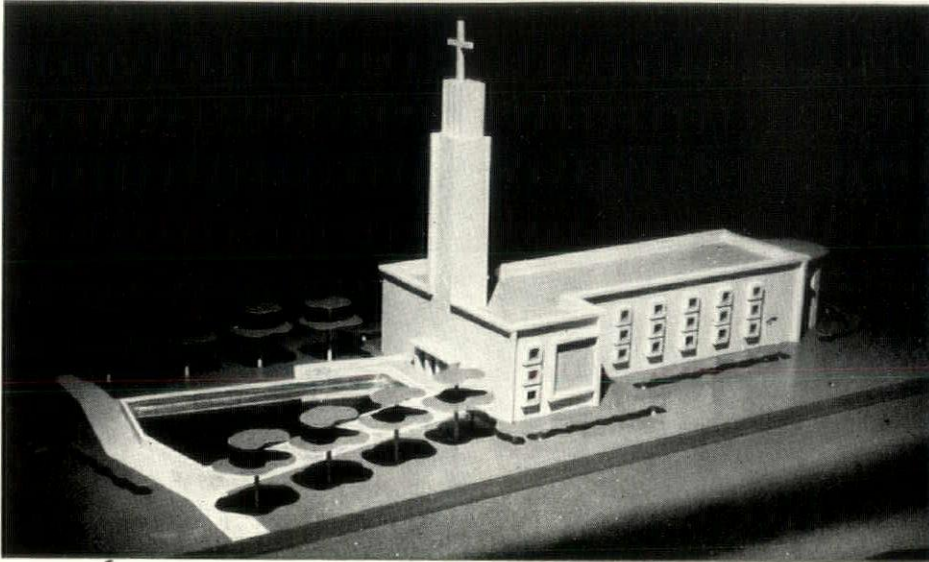


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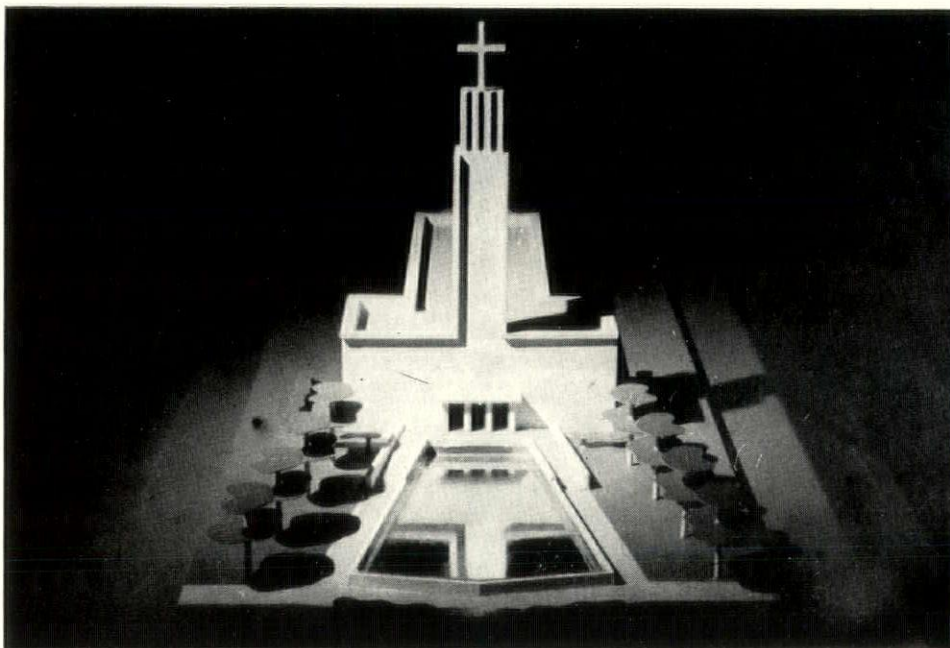
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Revised Schedule of Unit Costs Based on Cubical Contents of Buildings

Produced and distributed by DETROIT REAL ESTATE BOARD, 1980 Penobscot Bldg., Detroit, Mich.

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Annually since 1915, the Detroit Real Estate Board has produced and distributed a schedule of unit costs employing cubical contents of buildings as the basis for determination of costs. The schedule, revised as of January 1st, 1946 is presented herewith.

The schedule of costs was produced primarily as a service to members of the Detroit Real Estate Board, as a guide in estimating construction or reproduction costs and as a possible guide to appraisers. Within recent years, scores of requests for copies have come from all parts of the United States and numerous trade publications have asked permission to publish the schedule. It has been and continues to be the policy of the Detroit Real Estate Board to authorize reproduction of the schedule by recognized trade publications and by banks, trust companies, insurance companies, building and loan associations, mortgage companies, appraisal organizations, etc., for the personal use of members of those organizations but no permission is given for reproduction of the schedule for sale. Additional copies may be purchased from the Detroit Real Estate Board at 25 cents each.

The willing and painstaking cooperation of the Department of Buildings and Safety Engineering in the preparation of this schedule is appreciatively acknowledged. In using this schedule, the rules established by Commissioner Joseph P. Wolff and his department heads, should be observed. These rules follow:

"The cubical volume of a building for the purposes of determining the fees shall be measured as follows:

"From the outside of the walls and from the basement floor to the mean point of a pitched roof or to the highest point of a flat roof. The volume shall include all dormers, enclosed porches, pent houses, and other enclosed portions

of a building, but shall exclude open porches.

"In the case of buildings without basements, the measurements shall be taken from the ground line, and in the case of large buildings having deep foundations, the height shall be measured from a point below the basement floor by an amount equal to 1-5 of the depth of the foundation.

"In the case of open shelter sheds and other open sheds, the volume shall be determined by measuring from the projection of the edge of the roof and from the ground line to the mean height of the roof."

The cost figures presented are presumed to represent the minimum cost at which a fairly good building of economic design, may be constructed under most favorable circumstances within the Detroit district. The costs contain architects' fees, contractors' profits and all general items of construction and equipment including plumbing and heating systems, elevators, incinerators, refrigerating systems, etc. Financing costs, however, are not included.

As bids of individual contractors may vary from 20% to 50%, so may there be a marked variance in the costs of similar buildings erected within a single area. The quality of construction must be taken into account. The schedule presented is based upon the cost of average construction. The costs might be lessened by inferior construction or substantially increased by superior construction. In all instances the schedule should be used to reinforce rather than to supplant the experience, information and judgement of the user.

Since 1915, the schedule has been prepared under like circumstances and based upon like factors. It may be assumed, therefore, to present a rather accurate picture of the movement of building costs in the Detroit area during the past 31 years.

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COST PER CUBIC FOOT IN CENTS

Classification of Buildings	Aug. 1915	Jan. 1 1921	Aug. 1 1921	April 1 1922	Dec. 1 1922	Jan. 1 1924	Feb. 1 1926	Feb. 1 1926	Jan. 1 1928	Jan. 1 1929	Jan. 1 1930	Jan. 1 1931	Jan. 1 1932	Jan. 1 1933	Jan. 1 1934	Jan. 1 1935	Jan. 1 1936	Jan. 1 1937	Jan. 1 1938	Jan. 1 1939	Jan. 1 1940	Jan. 1 1941	Jan. 1 1942	Jan. 1 1943	Jan. 1 1944	Jan. 1 1945	Jan. 1 1946	
Factories and Warehouses:																												
Fireproof (Under 300,000 cu. ft.)	14	31 1/2	23	18	17	21	24	23	22	22	22	22	16 1/2	15	14	16	16 1/2	19	21 1/2	25	24	25	28	31	32	34 1/2	35	
Fireproof (Over 300,000 cu. ft.)	12 1/2	29	21	17	16	19 1/2	23	22	21 1/2	21	21	21	16 1/2	14 1/2	12 1/2	14	15	17	20	21	20	25	27 1/2	28 1/2	31	32	34 1/2	
Mill Construction	10	22 1/2	15 1/2	12	11	14	16 1/2	16	16 1/2	15 1/2	15 1/2	15 1/2	11 1/2	11	10	11 1/2	12	14	16	17	16 1/2	17	18 1/2	20	21	23	24	
Ordinary	9	21	15	12	10 1/2	13 1/2	15	14 1/2	14	14 1/2	14	13 1/2	10 1/2	9 1/2	8 1/2	10	10 1/2	11 1/2	13 1/2	14	13 1/2	15	16 1/2	17 1/2	19	20	21 1/2	
Frame	7 1/2	17	12	10	8 1/2	11 1/2	13	11	10 1/2	10 1/2	10	10	7 1/2	7	6 1/2	8 1/2	10	11	13	14	13 1/2	14	15	16 1/2	17 1/2	19	20	
Stores:																												
Fireproof	23	32	39	31	30	36	41 1/2	40	39	39 1/2	38	38	33 1/2	30	29 1/2	30	31	35 1/2	39	42	40	42	46	50	53	55	59	60
Ordinary	16 1/2	28 1/2	21	19	24 1/2	28	26 1/2	26	25 1/2	25 1/2	25	25	20 1/2	19 1/2	16 1/2	20	21	24	26 1/2	22	22	26	29	31	34	36	39 1/2	
Flats (Above Ordinary)	22	48 1/2	34	27	30 1/2	31	29	28	28 1/2	27 1/2	27	27	22	21	18 1/2	21	22	25	28 1/2	25	25	27 1/2	30 1/2	33	35	38	40	
Ordinary without Basements	16 1/2	28 1/2	21	19	24 1/2	28	26 1/2	26	25 1/2	25 1/2	25	25	20 1/2	19 1/2	16 1/2	20	21	24	26 1/2	22	22	26	29	31	34	36	39 1/2	
Markets:																												
Ordinary without Basements	16 1/2	28 1/2	21	19	24 1/2	28	26 1/2	26	25 1/2	25 1/2	25	25	20 1/2	19 1/2	16 1/2	20	21	24	26 1/2	22	22	26	29	31	34	36	39 1/2	
Churches and Theatres:																												
Fireproof	19	40 1/2	35	28	27	32 1/2	37 1/2	36	35 1/2	35	34 1/2	34 1/2	27	26	22 1/2	26	27	31	35	38	38	42	50	54	56	58	63	
Ordinary	15 1/2	35	24 1/2	19	18	22	27 1/2	27 1/2	27 1/2	26 1/2	26 1/2	26 1/2	20 1/2	19 1/2	18 1/2	21	22	25	28	31	30	30	35	38	42	44	48	
Office Buildings:																												
Fireproof	30 1/2	68 1/2	54 1/2	44	35	51	54 1/2	52	51	51 1/2	49 1/2	49 1/2	39	37 1/2	32 1/2	37 1/2	39	44 1/2	50	55	53 1/2	54	59	64	67	69	74 1/2	
Ordinary	22	48 1/2	34	27	25	30 1/2	35	33 1/2	32 1/2	32 1/2	32	32	25	24	21 1/2	25	26 1/2	30	33 1/2	36	33	32	37 1/2	40	43 1/2	46	50	
Hotels:																												
Fireproof	33 1/2	75 1/2	58 1/2	45	37	52	59 1/2	57	56	57 1/2	55 1/2	55 1/2	42	42	37 1/2	43	45	52	58	60	57	59	64	68	72	74	80	
Ordinary	23 1/2	58 1/2	46 1/2	37	26	43	43	42	41	40	39	38	32	31	28 1/2	31	32	38	42 1/2	45 1/2	43	45	50	54	56	58	63	
Schools:																												
Fireproof	22	48 1/2	40 1/2	32	30	37	45 1/2	42	43 1/2	40	40	40	32	30	27	31 1/2	33	38	42 1/2	45 1/2	43	45	50	54	56	58	63	
Ordinary	18	40 1/2	35	28	27	32 1/2	37 1/2	36	35 1/2	35	34 1/2	34 1/2	27	26	22 1/2	26	27	31	35	38	38	42	50	54	56	58	63	
Hospitals:																												
Fireproof	32	72	54	32	33	37	45 1/2	42	43 1/2	45	45	45	32	32	27 1/2	32	33 1/2	38 1/2	43	60	60	60	66	71 1/2	72 1/2	74 1/2	80 1/2	
Ordinary	12	25	21	17	15	19 1/2	20	14	13 1/2	13	13	13	11	11	10	11 1/2	12	14	16	17	16 1/2	14	15	18	16 1/2	17 1/2	19	
All Steel Buildings:																												
Under 20,000 cu. ft.	18	35	25	12	10	14	14 1/2	12	11	10 1/2	10 1/2	10 1/2	10	10	9 1/2	10 1/2	10 1/2	12	13	14	13 1/2	12	11 1/2	13 1/2	16	17	18 1/2	
20,000 to 100,000 cu. ft.	18	35	25	12	10	14	14 1/2	12	11	10 1/2	10 1/2	10 1/2	10	10	9 1/2	10 1/2	10 1/2	12	13	14	13 1/2	12	11 1/2	13 1/2	16	17	18 1/2	
Over 100,000 cu. ft.	18 1/2	36 1/2	26 1/2	13	10	15 1/2	16 1/2	14 1/2	13 1/2	12 1/2	12 1/2	12 1/2	11 1/2	11 1/2	10 1/2	11 1/2	11 1/2	13	14	13 1/2	12 1/2	11 1/2	13 1/2	16	17	18 1/2		
Apartment:																												
Fireproof	35	78	54	43	36	50	55	52 1/2	51	52	50	50	39	37 1/2	34	39	41	47	52	55	52	55	59 1/2	64	67	69 1/2	75	
Protected	29 1/2	66 1/2	46 1/2	37	30	43	48	46 1/2	45 1/2	44 1/2	44 1/2	44 1/2	36	34	30	34 1/2	36	41	46	48	45 1/2	45	50 1/2	55	57	59 1/2	65 1/2	
Brick (Ordinary)	28	63	43	34	23 1/2	39 1/2	34	32	30	30 1/2	29 1/2	29 1/2	24	23	22	25	26 1/2	30	33 1/2	44	42	42	46	47	49 1/2	54	56	
Brick (Veneer)	24	54	37	30	22	34 1/2	32	30	29	29	28	28	22 1/2	22	21	24	25 1/2	28	31	31	30	30	33	34	36 1/2	38	41	
Residences:																												
Brick (with 12" basement wall)	30 1/2	68 1/2	48	38	33	45	48	46	45	45 1/2	44	44	34 1/2	33 1/2	25 1/2	29	31	34	38	36	32	32	36	40	45 1/2	46	50	
Brick (1-Story with 8" basement walls) not over 18,000 cu. ft.	24	54	37	30	24	34 1/2	34	32 1/2	32	32	30 1/2	30 1/2	24	23	22 1/2	24 1/2	25	27	30	30	27 1/2	31 1/2	35	37	37	40	42	
Brick (Veneer or Stucco)	24	54	37	30	24	34 1/2	34	32 1/2	32	32	30 1/2	30 1/2	24	23	22 1/2	24 1/2	25	27	30	30	27 1/2	31 1/2	35	37	37	40	42	
Brick (Veneer or Stucco) 1-Story	24	54	37	30	24	34 1/2	34	32 1/2	32	32	30 1/2	30 1/2	24	23	22 1/2	24 1/2	25	27	30	30	27 1/2	31 1/2	35	37	37	40	42	
Brick (Veneer or Stucco) 1-Story not over 18,000 cu. ft.	24	54	37	30	24	34 1/2	34	32 1/2	32	32	30 1/2	30 1/2	24	23	22 1/2	24 1/2	25	27	30	30	27 1/2	31 1/2	35	37	37	40	42	
Frame (Not over 25,000 cu. ft.)	21 1/2	48 1/2	34	27	19	30 1/2	30	26 1/2	25	25	24	24	20	19	19	21	21 1/2	23	26	24	19	19	25	28	31	32	36	
Frame (1 to 1 1/2 Stories) not over 18,000 cu. ft.	21 1/2	48 1/2	34	27	19	30 1/2	30	26 1/2	25	25	24	24	20	19	19	21	21 1/2	23	26	24	19	19	25	28	31	32	36	
Under Concrete Block	21 1/2	48 1/2	34	27	19	30 1/2	30	26 1/2	25	25	24	24	20	19	19	21	21 1/2	23	26	24	19	19	25	28	31	32	36	
Open Shelter (Frame Construction)	10	22 1/2	15 1/2	12	11	14	16 1/2	16	16 1/2	15 1/2	15 1/2	15 1/2	11 1/2	11	10	11 1/2	12	14	16	17	16 1/2	17	18 1/2	20	21	23	24	
Garages:																												
Gas & Service Sta.	30	23	18	17	21	24	23	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	17	17	15 1/2	17 1/2	18	21	23 1/2	34	36	42 1/2	45	48	50	53	55	
Fireproof	30	23	18	17	21	24	23	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	17	17	15 1/2	17 1/2	18	21	23 1/2	34	36	42 1/2	45	48	50	53	55	
Mill Construction	20	15	12	11	14	16 1/2	15	14 1/2	14 1/2	14 1/2	14 1/2	14 1/2	11	11	10	11 1/2	12	14	16	17 1/2	18 1/2	20	22	24	25	26	28	
Ordinary	17	14	11	10	13	15	13 1/2	12 1/2	13	13	13	13	10	10	9 1/2	10 1/2	10 1/2	12	13	14	13 1/2	13 1/2	15	16	17	18	19 1/2	
Frame	14	12	9	8	10 1/2	12	10	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	7 1/2	7	6 1/2	8 1/2	10	11	13	14	13 1/2	15	16	17	18	19 1/2		
Sheds without Heat:																												
Enclosed (Frame)	10	22 1/2	15 1/2	12	11	14	16 1/2	16	16 1/2	15 1/2	15 1/2	15 1/2	11 1/2	11	10	11 1/2	12	14	16	17 1/2	18 1/2	20	22	24	25	26	28	
Enclosed (Ordinary Construction)	10	22 1/2	15 1/2	12	11	14	16																					

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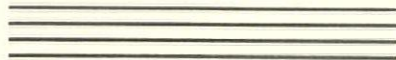
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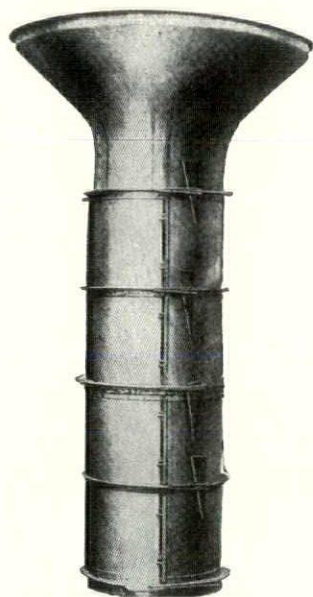
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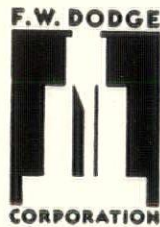
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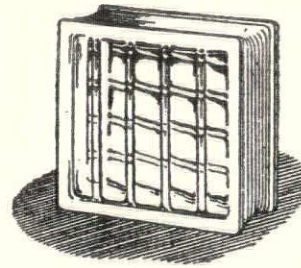
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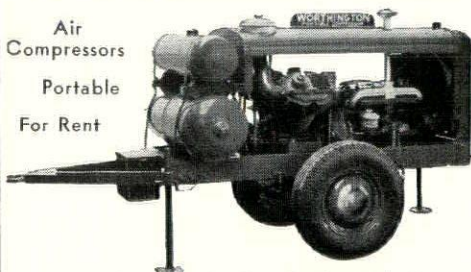
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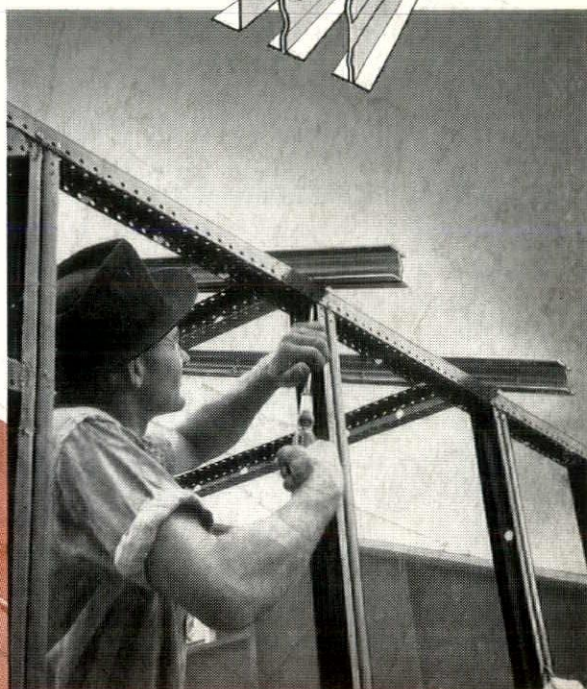
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No. 12

VICTORY BUILDING PROGRAM

By A. N. LANGIUS, A.I.A.

Director, Building and Construction Division
State of Michigan

THE RECORDS of this Division reveal that the cost of the Proposed-Post-War-Victory Building Program which will soon be initiated will exceed the total state expenditures for such purposes during the past 15 years and that it will surpass by almost four times the greatest like expenditure ever made in any one year.

The work will have to be completed under conditions without precedent in the building construction industry. There will be proportionately less labor available, particularly of skilled mechanics, to complete the tremendous

accumulation of public and private building demands than at any time since World War I. This condition is greatly aggravated by the current serious shortage of building materials.

However, the prospect of completing the program on schedule time is not as remote as may appear on the surface, provided the state assists the building industry in overcoming certain obstacles which are impeding the execution of all construction projects at the present time.

TYPE OF CONTRACT

First, it is necessary for the state to set aside its long established policy of awarding fixed-cost contracts for the furnishing of all labor, material, equipment, tools and services for the construction of projects, to the lowest bidder, but rather to award contracts on a cost-plus-a-fixed fee. The fixed fee will include contractor's cost for equipment, tools, administration supervision and other services. Conditions within the industry today make contracts of this type almost mandatory. Contractors are neither able to depend upon firm prices for construction materials nor are they

assured of a supply of labor and the stability of wage rates.

For many years construction projects by the state have been conducted on the assumption that the intent of Act No. 35 (P. A. 1921) was that contracts were to be entered into only on a fixed-cost basis after competitive bidding had determined a cost most advantageous to the state.

The Attorney General has recently expressed an opinion that no violation of the Act results by not having fixed the total cost of the project in advance of the awarding of the contract. In other words, the cost of the project will in any case consist of two elements, viz.:

- (a) actual net costs of labor and materials, etc. which the contractor must procure at current market prices.
- (b) costs of the services, tools and equipment which the contractor furnishes himself.

Since those in category (a) are fixed by economic conditions, the competition among bidders is actually in the (b) costs.

It is the opinion of the Attorney General that a contract based upon costs, plus a fee fixed by competitive bidding is permissible under all existing statutes.

The advantages of thus withdrawing the direct costs (actual net costs of labor and materials, etc.) from the contractor's commitments are many. Particularly at the present time, and most probably for a long period in the future, the availability and costs of materials and of labor are going to be so unpredictable that bidders will be reluctant to commit themselves to a fixed total cost, or are going to bid sufficiently high to protect themselves.

Secondly, because of the scarcity of materials, it is going to be frequently necessary, in order to expedite every project, to make changes in the materials used, or the methods employed, or even in the design. Such changes in a fixed-cost contract cause confusion and delays and added costs. On the cost-plus-fixed-fee basis such changes are perfectly flexible and cause no delay whatever.

(See LANGIUS, Page 4)

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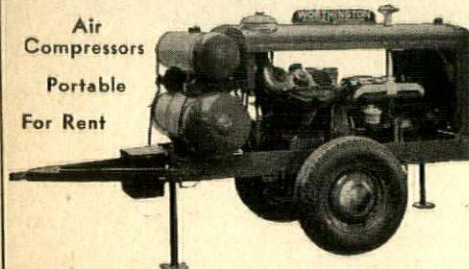
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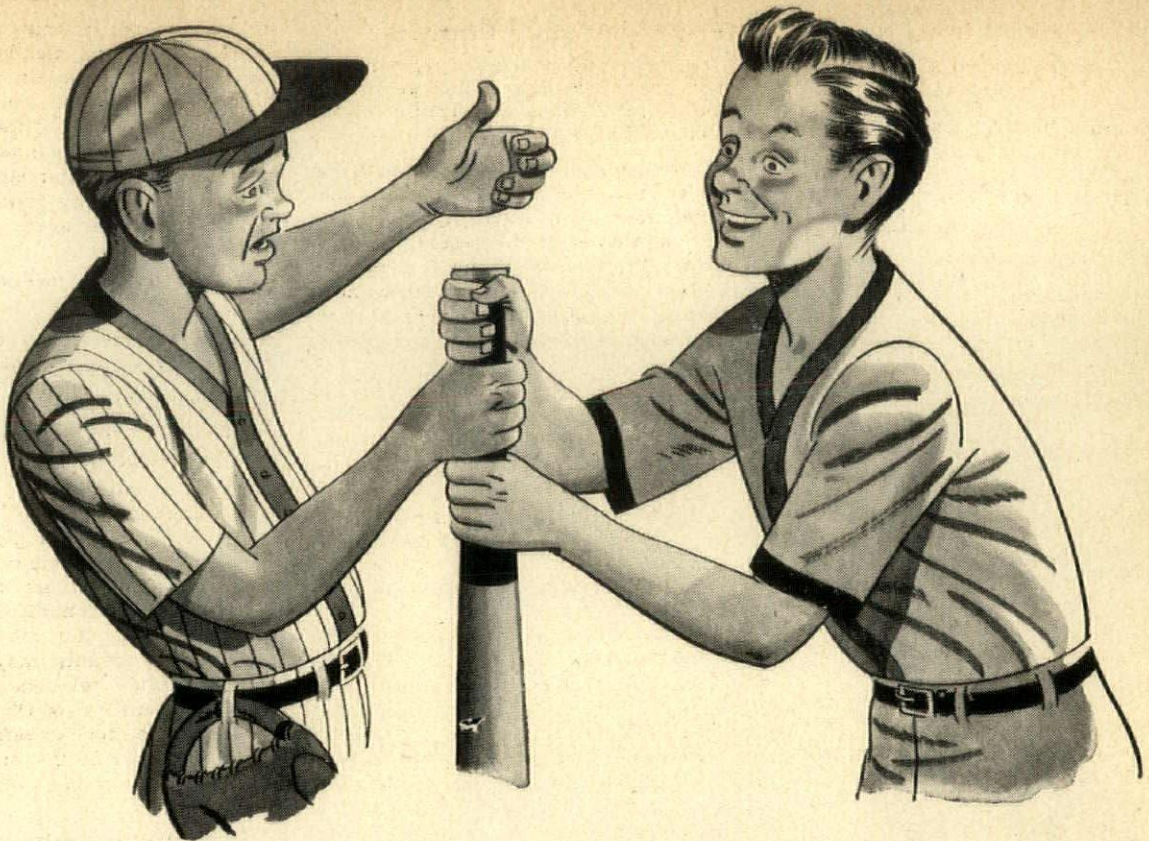
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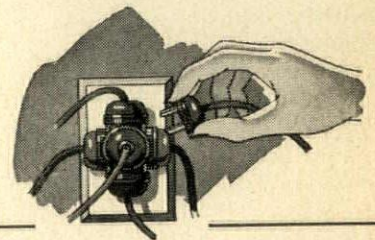
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This is one of a series of advertisements prepared in cooperation with the Electrical Association of Detroit in the interest of insuring adequate wiring for every home in this area. Any house wired today should have enough properly spaced convenience outlets, enough circuits and large enough wire sizes for tomorrow's electrical living. It should accommodate the new frozen-food cabinets, electric ranges, automatic laundries, electric dishwashers and many other electrical appliances that will make living more pleasant and easier. When you build or remodel, be sure your home "measures up" in this important respect.



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LANGIUS (Continued from Page 1)

A third advantage, and one of particular importance in the Post-War Victory Building Program, is that long delays in bidding will be avoided.

CONSTRUCTION COSTS

The State must be prepared to accept a continued variation, and perhaps upsurge, in costs of construction. The urgent necessity for a building program has been earnestly and convincingly pleaded by the administrations of all state agencies. These pleas have been made on the basis of urgent necessities, and were recognized by legislative appropriations. The program will be executed under abnormal conditions requiring long work weeks and resulting in inordinate costs.

From "A Progress Report on the Recommendations and Appropriations for Capital Additions, Improvements and Repairs," just prepared by this Division, it is apparent that on the basis outlined above, \$6 million worth of construction can be got under way within the next 30 days; an additional \$15 million within 90 days; the remainder of the program within six months.

The Buildings and Construction Division of the State Administrative Board is in a position to execute such contracts on behalf of the State of Michigan as may be authorized by the Post-War Victory Building Board. It is recommended that the awarding of such contracts be accomplished through the established procedures of the Building Committee of the State Administrative Board.

RALPH W. HAMMETT, A.I.A., of Ann Arbor, has received from the Minister of Education of France the appointment of Officer Academie of France, and bestowal of the academic decoration of *Palme Académique*, in appreciation for the work he did in preserving historic monuments of France, together with their archives and fine arts.

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Inter-Professional Council

The following article is reprinted in part from "The Detroit Lawyer," January, 1946. Official Publication of the Detroit Bar Association.

Improved professional relations with the public and betterment of inter-professional relations are foremost among the noteworthy objectives of the recently organized Inter-Professional Council, comprised at present of seven leading associations (of Detroit) representing teachers, doctors, dentists, engineers, architects, accountants and lawyers.

More than 16,000 professional men and women in the metropolitan Detroit area are included in the membership of the participating organizations. A Committee of twenty-one, three from each of the seven groups, makes up the executive personnel. William A. Freimuth, chairman of the Detroit Bar Association's Inter-Professional Relations Committee, is president of the Council.

Early last year, the presidents of the following societies were invited to meet with the Detroit Bar Association's Inter-Professional Relations Committee: Detroit Chapter of American Institute of Architects, Detroit Teachers Association, Detroit District Dental Society, Wayne County Medical Society, Michigan Association of Certified Public Accountants, The Engineering Society of Detroit. Each of the societies represented at the May meeting of last year named representatives to the Inter-Professional Council. Meetings have been held regularly each month with a different society or association acting as host each time.

At the September meeting the objectives of the Council were formally submitted, approved, and adopted as follows:

"This joint professional committee shall be known as the Inter-Professional Council. The objectives shall be to organize and unite in fellowship the members of the following professions constituting the Council and located in the City of Detroit, County of Wayne, and State of Michigan, and known as: The Michigan Association of Certified Public Accountants, Wayne County Medical Society, Detroit District Dental Society, Detroit Chapter of the American Institute of Architects, Detroit Teachers Association, The Engineering Society of Detroit, Detroit Bar Association, and such other professional groups as may become affiliated; to combine their efforts so as to promote and encourage the development of education in the professions

and the proper training of persons who desire to become members of the professions and to maintain the highest standards; to encourage cordial intercourse among the members of the professions and to correlate their common interests and activities in the interests of all the professions and the Government; and to make the professions of ever increasing service to the public."

At the October meeting officers were elected and installed. In addition to Mr. Freimuth as president, other officers are: Dr. Willard Mayer, Wayne County Medical Society; Iret Ferris, Detroit Teachers Association; Dr. Floyd Straith, Detroit District Dental Society.

Three committees of the Council are now functioning. The Legislative Committee with Harold A. Johnson as chairman, is undertaking study of certain pending Senate and House bills now before Congress or in Committee, affecting professional groups, for discussion and such action as the Council may direct.

The Public Relations Committee will study methods by which the public may acquire a better understanding of the work and aims of the professions so that the objectives of the Council may be accomplished.

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Building Codes

By F. Gordon Pickell

The Committee on Building Codes has Emil Lorch to thank for the following editorial from the Chicago Tribune of Feb. 19, 1946. It makes a splendid example of why building codes are as they are and the harm they do to the building industry and the supply of needed housing. Architects have seemed indifferent to these vital hindrances to full and free building production. They let them go, as being necessary evils, whereas they are defects in judgment requiring a constant fight to eliminate. The editorial, "To Plaster or Not To Plaster":

"The aldermen considering revision of the building code have got themselves in a swivel over the relative merits of wall board and plaster for interior walls of homes.

"The present building code effectively forbids the use of wall board in Chicago. While there are undoubtedly some wall boards that would meet the fire resistance standards set by the code, its use is prevented by another provision that walls must be seamless, which can only be accomplished by the use of plaster. The plastering contractors have an effective organization, and it and the plasterers' union have been active in defending the present monopoly.

"The aldermen seem to be taking the approach that they should be satisfied of the satisfactory character of wall board before they amend the code to permit its use. That's not their business, nor is it the function of the building code to specify materials. Building codes should confine themselves to setting standards of sanitation, fire resistance, and so forth, which adequately will protect the health and safety of people living in buildings. Any material that meets such requirements should be allowed in construction.

"It's no function of the aldermen to say whether home builders should or should not use wall board. Their duty is to let the man who is building a house make his own choice.

"So far as the relative merits of the two finishes are concerned, it is probable that, considering quality alone, the majority of architects today would recommend plaster. The man who is building a \$25,000 or \$40,000 house isn't interested in saving a few hundred dollars. But to the small home builder, the veteran, or other purchaser of the hypothetical \$6,000 house, a saving of \$100 or so, which is made possible by the use of wall board, may mean the difference between having a home and not having a home. He is entitled to his choice and the aldermen should give it to him.

"The primary defect of the Chicago building code, the defect which makes it a vehicle for rooking the public by monopoly groups of contractors and trade unions, is the inclusion in it of numerous provisions directly or indirectly specifying particular materials when standards should be based on performance. The fire limits to the city should be based on the judgment of the fire department and not be used, as they are now, to outlaw frame dwellings and make work for masonry contractors. Frame dwellings on 25 and 30 foot lots, which are the curse of Chicago real estate, might be a fire hazard whereas, if properly spaced, they would not be. Either frame or brick, they burn if you start a fire inside the building, where most fires start and almost all of them are confined. The same reasoning applies to brick veneer, which the code now outlaws.

"If the aldermen get themselves into passing on the technical suitability of different building materials, which they are in no way qualified to judge, they will end up by doing nothing to modernize the building code. That, of course, may be why they're doing it."

Dalton R. Wells

Death came to Dalton R. Wells, Detroit architect and engineer, on March 9, at his home, 17345 Roselawn Ave., after a brief illness. He was 67 years old. He was



MR. WELLS

born at Whitestone, Long Island, N. Y., on June 22, 1878, entered his own practice in 1910 and was registered in Michigan when the original law went into effect, in 1915. He was also registered in Michigan as an engineer. From 1910 to 1914 he was a partner with Marcus R. Burrowes in the firm of Burrowes & Wells, later practicing alone. Prior to and during the war he was engaged in directing large industrial projects for Detroit architects and for the Government. More recently he had been with the General Motors Corporation as architect and engineer.

He had long been active in his professional organizations, was a member of the Detroit Chapter, The American Institute of Architects, Michigan Society of Architects, Engineering Society of Detroit, and American Society of Civil Engineers. He was also a member of the Masonic order. His wife, Lena V., survives.

In a future issue of the Bulletin we hope to have a more complete statement of Mr. Wells' career, by Prof. Emil Lorch, F.A.I.A.

Marr & Marr

Richard H. Marr has announced the reorganization of his firm to include his son, Carl B., under the firm name of Marr & Marr, Architects. Offices will remain at 415 Brainard St., Detroit 1, Mich. Both father and son are members of The American Institute of Architects.

Carl Marr was born in Detroit on Aug. 28, 1912. He attended Cranbrook School, and later the University of Michigan, where he received his degree in architecture. During 1936 he traveled and studied in foreign countries, including Denmark, Sweden, Holland, Germany, France and Belgium.



CARL



RICHARD

He gained his experience in such Detroit architects' offices as Harley & Ellington, Marcus R. Burrowes, and his father. He also was employed in architectural work by the S. S. Kresge Co., and the Federal Housing Administration. From 1941 to 1944 he was employed in the office of Alden B. Dow, A.I.A., in Midland, Michigan and Houston, Texas, serving as senior draftsman and secretary of the firm. Congratulations and best wishes to both of the Marrs.

McCarty Honored

Col. William H. McCarty, Grand Rapids architect, who is now deputy chief of staff for Michigan affairs, with offices in Detroit, has received the Legion of Merit from Maj.-Gen. Louis A. Craig, commanding general of the Sixth Service Command, Chicago. Col. McCarty was honored for his outstanding work as head of District No. 1 of the Sixth Service Command, which includes all of lower Michigan until its deactivation last fall, as well as in other important assignments. In the first World War he was a lieutenant in the U. S. Army.

MR. ROBERT E. McENTEE announces the marriage of his sister, Margaret A. Bray, to Mr. Ira H. Benjamin, A.I.A., Thursday, Feb. 14, 1946. Many happy returns.

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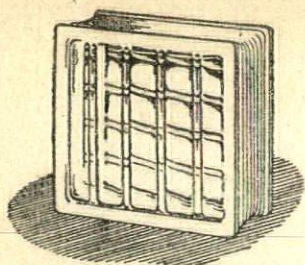
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DETROIT, MICHIGAN, MARCH 26, 1946

Number 13

M. S. A. Re-elects Allen at 32nd Convention

ROGER ALLEN, of Grand Rapids was reelected president of the Michigan Society of Architects at its 32nd Annual Convention at the Rackham Building in Detroit on March 15. Others reelected are Adrian N. Langius, Earl W. Pellerin, Joseph W. Leinweber, vice presidents, and L. Robert Blakeslee, secretary. Kenneth Michel was elected treasurer to succeed Malcolm R. Stirton. New directors are Ralph W. Hammett, Paul R. Sewell and Eberle M. Smith. Talmage C. Hughes was re-elected executive secretary.

As of old, the Producers' Council held forth the evening before, with a cocktail party and dinner. There was much good fellowship and one whom we were all glad to see and to hear from again was Mr. Louis Kamper, who spoke interestingly of some early experiences in the profession. The program, presided over by Joe Busse, Producers president, was interspersed with entertainment — by a quartette, group singing led by Chris Steketee, and by Bill Cory, who has added to his literary laurels the art of magic.

Busse outlined five new objectives of the Council for the current year: expansion of membership, the speeding of technical progress, the presentation of views to congressmen, the assistance of the construction industry, and more informational programs. He invited cooperation of the architects. The feature of this program was an address by Dr. George Shepherd, former advisor to Generalissimo Chiang Kai-shek. He spoke on "The Triangle in Asia." Much fireworks occurred in the question period, and a lively time was had by all!

Undoubtedly the most significant action taken at the business sessions was in response to a message from Mr. James R. Edmunds, Jr., FAIA, president of The

American Institute of Architects, and resulted in a resolution to support the statement recently issued by the Institute Board concerning the Government's housing program as proposed by Wilson W. Wyatt, Housing Expeditor, and the possibility that such a program may be implemented by pending legislation, such as the Patman Bill. As a result, Branson V. Gamber, as chairman of a special committee, has written all Michigan senators and representatives in Congress, enclosing a copy of the resolution and a copy of the Institute statement. The statement, the best on the subject we have seen, is to the effect that the channeling of all scarce materials into small homes for veterans is not the whole answer to the housing problem, that veterans will need jobs and the best interests of the veterans and the public will not be served by thus cutting off the main segment of the building industry from supplying other much-needed construction.

Malcolm R. Stirton, retiring treasurer, gave a most creditable report and received a round of applause. The Society is in a very healthy condition, financially and otherwise.

The luncheon on Friday given by the Minneapolis-Honeywell Regulator Corporation, was a delightful interlude. Russ Blakeslee, Detroit representative, opened the program and introduced other officials of the company, as well as visiting architects. Films were shown telling the story of personalized heat control, and besides being entertaining, the program was very instructive.

After a brief business session in the afternoon, the program was given over to the showing of colored slides of Colonial Williamsburg, by Mr. Charles F. Cellarius, FAIA, of Cincinnati. The presentation was on a high plane and formed a most delightful feature of the program. Mr. Cellarius is well qualified to speak on the subject, as he has long been a student of Colonial architecture and has designed many notable buildings in this style.

Two hundred attended the banquet, concluding event of the Convention. President Allen called upon A.I.A. officers in attendance, who had added much to the success of the convention: Mr. Cellarius, treasurer; Alexander C. Robinson, III, secretary, and Branson V. Gamber, State Association Director. Upton Close, the
(See ALLEN, Page 4)

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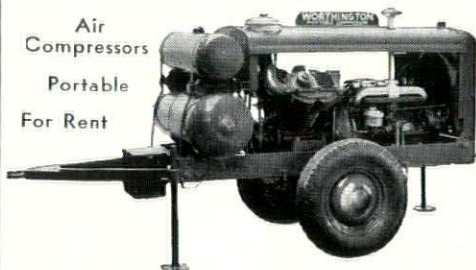
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Public Information

Sander's, pioneer among Detroit restaurants, has a unique idea for its menus. Or, perhaps you hadn't noticed, for the girl generally presents the menu opened up to the two inside pages where the "Today's Menu" is shown. Next time you dine at Sander's turn the menu over and you will see some interesting feature about Detroit. A recent one (Vol. 3, No. 2), with the collaboration of your committee on public information, was devoted to Detroit's architecture. The treatment, headed on the front cover, "Pioneer Architectural Trends," and carried over to the back cover, begins:

"It has been well said that America's most distinctive contribution to the arts has been in architecture. And in that particular, Detroit is decidedly an American city. For, although the fact may not be generally realized, Detroit holds high rank as a leader in architectural progress." It then continues with much of interest about our architecture, with illustrations of Albert Kahn's factories, Fisher Building; Derrick & Gamber's Federal Building, Paul Cret's Institute of Arts, Cass Gilbert's Library, and George D. Mason's Masonic Temple.

Detroit's Department of Bldgs.

Whenever the old chestnut about abuses in building departments is heard we always say, "yes, that may be true generally, but in Detroit it's different." This is brought to mind by the recent Annual Report of Detroit's Department of Buildings and Safety Engineering, headed by Joseph P. Wolff, Commissioner. Containing 43 pages, mimeographed on long sheets, it covers completely the activities of that department for the past year.

Says the Commissioner, in addressing His Honor the Mayor, and the Honorable Common Council of the City of Detroit "The volume of building construction as reflected in an increase of 150% over 1944, presents a unique picture. Yet it fails to disclose the real pent-up desire to build. At the end of the first five months of 1945, the permit volume was less than that of the corresponding period of 1944. The permits issued indicate, despite dislocations and adverse conditions, that forty million dollars' worth of building was crowded into the last seven months of 1945."

Charlie Daymude, Chief Structural Engineer, reports:

"The majority of store buildings were of type 3 construction, one story in height and in many cases the plans were not prepared by a registered architect or engineer as required by the State Law due to the fact that the law states: 'Nothing in this act shall prevent any owner from doing any of the architectural, engineering, or surveying work mentioned herein upon or in connection with the construction of buildings on his own property for his own use, nor be construed as preventing a person not registered under this act from planning, designing or supervising the con-

struction of residence buildings costing less than fifteen thousand dollars."

"During the past year many applicants for building permits have taken advantage of the above section of the law by trying to prepare their own plans leaving the structural requirements for this Bureau to decide. As a result, many hours of valuable time are spent in teaching the applicant how to prepare the proper plans for use in obtaining his building permit. Plans prepared by the larger architectural and engineering firms very seldom give us any trouble and the man hours spent in processing them through the different bureaus are very few compared with some of the smaller jobs for which plans were prepared by the owner or contractor."

Poster Contest

62 students in Detroit's intermediate, comprehensive and technical high schools will receive awards totalling \$670.00 in the 8th annual Poster Art Contest now underway under the direction of Miss Helen J. Copley, Art Director of the Detroit Board of Education. The contest will close Friday, May 3, 1946.

Prize winners will be selected by a jury whose names and talents are well known to Detroit. Included are:

Miss Mabel Arbuckle, now of Columbus, Ohio, but formerly Art Director of the Detroit Board of Education and director of the seven preceding Poster Art Contests.

Mr. Clyde H. Burroughs, Secretary, Detroit Institute of Arts.

Mr. John S. Coppin, Artist and President of Scarab Club.

Mr. Halsey Davidson, Art Director, Campbell-Ewald Company.

Mr. Harold Hastings, Secretary-Manager, Adcraft Club of Detroit.

Mr. Sidney Seeley, in charge of visual aids, Department of Visual Education, Chrysler Corporation.

Judging will follow immediately upon the close of the contest. In addition to the 62 prize winners 38 additional designs will be chosen to make a representative group of the 100 best designs entered.

Presentation of awards to the prize winners will be made by Superintendent of Schools Arthur Dondineau at the Art Institute.

The 100 best designs will be exhibited to the public free of charge June 10th through 15th in the twelfth floor auditorium of the J. L. Hudson Co., through whose courtesy this exhibition is made possible.

Throughout the period of World War II the theme of all contest designs was restricted to the promotion of activities related to the war effort. This year the contest will revert to its pre-war plan by which any U. S. manufactured product or service could furnish the theme for a design—whether or not the product or service had ever been advertised in any advertising medium.

Walker & Co., Outdoor Advertising plant operator in Detroit, sponsors the contest again this year.

Committee on Education, MSA

By WELLS I. BENNETT, Chairman

We regret the inability to include this report in our Convention number—Editor.

For a good portion of the past year the war held the attention of everyone and prevented the carrying on of normal activities. The end of the war has brought new activity and many new problems. So far as the Committee is informed, there is very little to report as to the education of the public and the profession through the activities of the Society. Architects are in considerable demand as speakers at public meetings of all kinds. They are called upon to speak on civic questions as well as on those of more direct relation to architecture. Many notices in the newspapers of the state and in the Michigan Society Bulletin indicate the service given by architects of an educational nature as regards spread of information bearing on the profession.

Mention has previously been made of vocational conferences in high schools of the state. Such a conference has been held this spring in Ann Arbor and no doubt in other cities, and, as is well known, an outstanding vocational conference is held annually by the Detroit Engineering Society at the Rackham Building in Detroit. This latter conference features engineering, but architecture is likewise given its full and separate place.

As has been noted in the Bulletin, there has been a great demand in the various cities of the state for Home Planners' Institutes. Such an institute is a series of talks and discussions on the planning, construction, and furnishing of a small home. Members of the Staff of the College of Architecture at the University have carried on these institutes. The activity has been entirely spontaneous on the part of the communities concerned and has never been pushed or promoted in any way by the Staff. There have been more requests than it has been possible for the Staff to fill, and in some cases the institute was requested this year as a repeater, after having been originally given the year before. The program followed in these institutes has been one of general information step by step as to the nature of the process of planning and building a home. The speakers have gone to great pains to emphasize the function of the architect and his importance in the successful carrying out of the building project. The attendance of these institutes has been very large, in one city as large as 1200, and in one smaller city as small as 100. The purpose of these institutes, as the College Staff has considered it, has been wholly educational, and it is hoped that something has been contributed toward the improvement of architecture and the greater appreciation of the architect's contribution.

Of direct interest to the profession, there has been consideration of the question of apprenticeship training for architectural draftsmen. President Roger Allen has taken the lead in the study of this problem, obtaining information from other

states and cooperating with agencies of the State and Federal Government set up to promote apprenticeship training. A committee of architects met at the request of Eugene B. Elliott, Superintendent of Public Instruction; a program has been tentatively worked out; and a plan will be suggested for possible use in the State of Michigan. A report on apprenticeship for architectural draftsmen is being issued by the Department of Public Instruction and may be in the hands of Michigan Society members before the annual meeting in March.

Competition for Fabric Design

The Museum of Modern Art, through its Department of Industrial Design, announces the opening of a \$2,000 prize competition for the design of printed fabrics. The competition, sponsored by a group of leading stores throughout the country, will close Saturday, June 1, 1946.

Several of the prize-winning designs will be reproduced and be offered for sale. An exhibition of all the designs winning awards and of the fabrics produced from the top winners will be held at the Museum of Modern Art early in 1947. The exhibition will later be circulated throughout the country, and possibly abroad.

The sum of \$2,000 will be awarded as prizes. First prize will be \$500. The remaining \$1,500 will be distributed as the jury may decide, except that there will be at least ten honor awards of \$5 each, and no prize of less than \$50. In addition, between three and five of the designs winning the top prizes will be designated by the jury for production, but the jury retains the right not to recommend any for production if it finds no designs of sufficient merit.

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ALLEN (Continued from Page 1)

speaker, stated that industry is now running on momentum that is giving out. It cannot long survive the O.P.A., he said, in pointing out that only through private enterprise can we regain the American way of life.

Some of his epigrams:

Key industrialists are questioning the possibility of the American system surviving extension of the O.P.A.

We now have starvation of shelter. The bankruptcy rate has gone up considerably in small business. There is an attempt to ration scarcity.

There can be no individual initiative with state control. When lend lease was discontinued—at least we were told it was—then was the time to stop O.P.A. We must restore individual liberty of thought.

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